SCHLAGE

Schlage Video Solution

Eyes For The Future

Ingersoll Rand
Security Technologies

Contents

Video Management Software
Schlage VMS
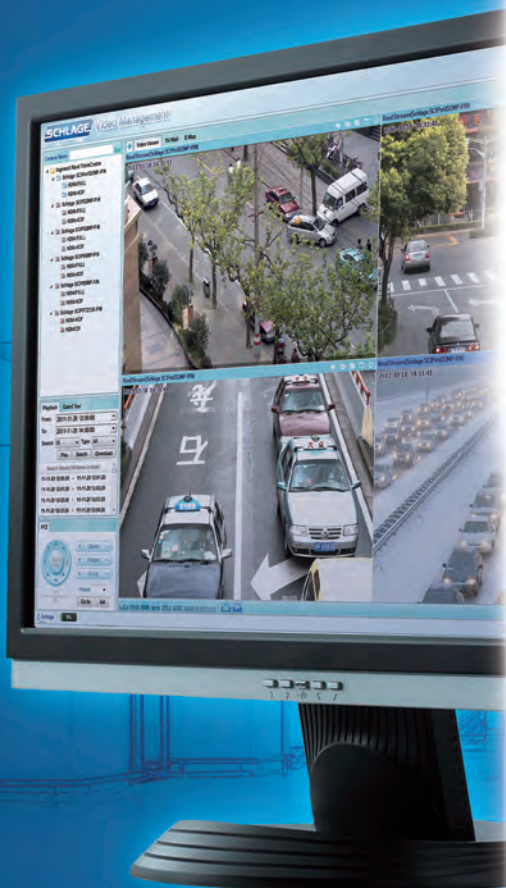
Smart Schlage Solution for Video Surveillance

Simplified and Secure management for Scalable System

![SCHLAGE]

Video Management System
Schlage VMS V1.0

Overview

Schlage VMS is video management software that provides seamless management of high definition and standard definition video across an IP network. The system can manage IP cameras, DVRs, encoders and some external alarm devices. The key features include real time video viewing, video recording and playback, electronic map, and alarm management.

FEATURES & BENEFITS

- Multiple resolution and format supported:
  - Support standard definition: QCIF, CIF, 4CIF and high definition: 1.3MP, 2.0MP, 3.0MP, 5.0MP.
  - Supports coding formats: M-JPEG, MPEG4, H.264
- Multiple monitors supported, each monitor can be video viewer (real-time and playback), E-map and Video wall.
- Each monitor can be dragged out and displayed in a separate window or another monitor.
- Multifunction in real time video viewing: Camera Tree, Digital/Analog PTZ Control, different video display mode, and Audio Control.
- Video Storage and playback: supports unified management of both remote centralized storage (IP SAN/ FC SAN) by IS (NVR) servers group and local storage on DVR.

- Video Guard Tour: single tile guard tour and multi tile guard tour; drag and drop when choosing camera.
- Flexible alarm management.
- Virtual Matrix function.
- Video wall management through software client or keyboard.
- Advanced system configuration function: Realize Services, Devices, Storage, User and user group configuration, Site management and Alarm management through iConfig.
- Advanced system monitor function: Realize Online users, Storage space, System log, Alarm management and Front end devices status, Services status and Video recording monitor through iManager.
- Motion detection
- Watermarking
- Zoom tool: zoom in/out by rolling the mouse wheel.
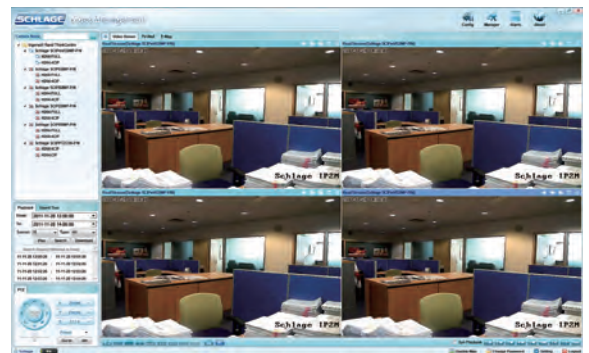
HARDWARE REQUIREMENTS

1. **MINIMUM REQUIREMENTS**
   Server:
   - CPU: Intel Core 2 Duo E7400 2.8G CPU
   - Memory 4G; hard disk:160GB; 512MB DDR;
   - Windows 2003/2008 Server Standard/ Windows 7/ Windows XP SP3 (32bit and 64bit)
   - Network: 2*1000M
   Client:
   - CPU Core Dual 2. 2G ; Memory 2G; Independent Display Card (512M Memory)
   - Windows XP SP3/ Windows 7 (32bit and 64bit)
   - Network: 1*1000M
   Database:
   - SQL Server 2005 Express (default)
   - SQL Server 2005

2. **SERVER HARDWARE CONFIGURATION**
   TS:
   - For D1/25 fps/1.5Mbps: per machine support 150 channel video
   - For 2MP/25 fps/ H.264/5Mbps: per machine support 50 channel video
   TS +IS:
   - For D1/25 fps/1.5Mbps: per machine support 100 channel video
   - For 2MP/25 fps/ H.264/5Mbps: per machine support 32 channel video
   AS:
   - For System less than 100 channel D1 or 32 channel HD video, AS can be installed on the same machine with TS and IS
   - For large system, AS need to use independent Server

3. **CLIENT HARDWARE CONFIGURATION**
   - All the Client components (client, manager, configuration tool) can be installed on the same machine or on separate machines
   - For small system, Client components can be installed on same machine with server (require independent display card)

SVMS

Client Workstation — Server

Client — AS
Config — TS
Manager — IS → Optional

Client Manager Config Tool

Decoder Decoder

LAN

Servers (AS/TS/IS) IP/FC SAN

IP Cam IP Cam -PTZ Cam PTZ

DVR/ENCODER

iManager ⟷ AS ⟷ IS
iConfig ⟷   ⟷ TS

iClient

Decoder

Communication and Control
Video
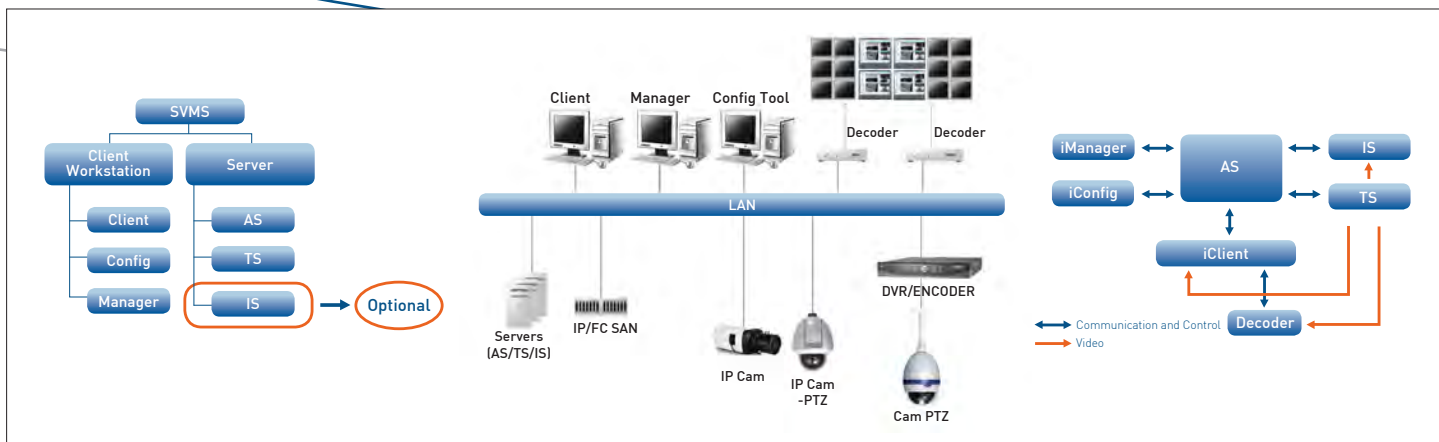
ORDERING INFORMATION

	Model	Description
iServer	**iServer-AS-Basic-4**	including 4 Channels of camera connection license, one iClient license, one iConfig license and one iManager license * Please specify the number of analog camera and IP camera connected to the system
	iServer-AS-Basic-8	including 8 Channels of IP camera connection license, one iClient license, one iConfig license and one iManager license
	iServer-AS-Basic-12	including 12 Channels of IP camera connection license, one iClient license, one iConfig license and one iManager license
	iServer-AS-Basic-16	including 16 Channels of IP camera connection license, one iClient license, one iConfig license and one iManager license
	iServer-AS-Basic-8-DVR	including 8 Channels of DVR connection license, one iClient license, one iConfig license and one iManager license * Special price for selling VMS together with 8 channel schlage DVR
	iServer-AS-Basic-16-DVR	including 16 Channels of DVR connection license, one iClient license, one iConfig license and one iManager license * Special price for selling VMS together with 16 channnel schlage DVR
TS	**TS-C10**	10 Channels of HD cameras/encoders license
	TS-C20	20 Channels of HD cameras/encoders license
	TS-C30	30 Channels of HD cameras/encoders license
	TS-C50	50 Channels of HD cameras/encoders license
	TS-C100	100 Channels of HD cameras/encoders license
	TS-D10	10 Channels of DVR/encoders(SD) license
	TS-D20	20 Channels of DVR/encoders(SD) license
	TS-D30	30 Channels of DVR/encoders(SD) license
	TS-D50	50 Channels of DVR/encoders(SD) license
	TS-D100	100 Channels of DVR/encoders(SD) license
IS	**IS-1T**	1TB Storage Space license
	IS-5T	5TB Storage Space license
	IS-10T	10TB Storage Space license
iClient	**iClient-1**	1 client license
	iClient-5	5 client license
	iClient-10	10 client license
	iClient-50	50 client license

Specifications subject to change without notice.

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Security Technologies

Digital Video Recorders &Keyboards

Wide range of products for different application scenarios

Dual core CPU for high processing performance

Smart video detection and Alarm functions

Full channel simultaneous playback &Smart search

![SCHLAGE]

Video Management System
4/8/16 Channel Full D1
High-Performance DVRs

Overview

Whether it is for critical infrastructure such as airports or transportation facilities, or large commercial interests such as manufacturing plants or shopping centres, these **DVRs** are suited to your needs. Able to record from 4, 8 or 16 devices in high definition, ensures functionality without losing quality.

APPLICATION

Ideal for monitoring of securities' companies, change booths, casinos, pawnshops, jewellers, galleries, exhibition halls, department stores, convenience stores, hospitals, police stations, transit stations, airports, banks...

FEATURES & BENEFITS

- Up to 4, 8 or 16 cameras with full HD 1080P display
- Dual Core CPU
- H.264 video compression algorithm
- Full channel at D1(4CIF) realtime recording
- Dual encoding streams supported
- HDMI/VGA/TV/Spot (multi-channel video output)) synchronous video output
- Live recording, playback, backup & remote access
- All channel simultaneous playback & smart search

- Smart video detection: MD, camera blank, video loss
- Easy backup: USB devices, CD/DVD-RW & network download
- Alarm triggering screen tips, buzzer, PTZ, email, FTP upload
- Up to 8 SATA HDDs & CD/DVD-RW, 1 eSATA, 2 USB2.0
- Built-in web server, multi-DVR client
- Gigabit Ethernet Interface
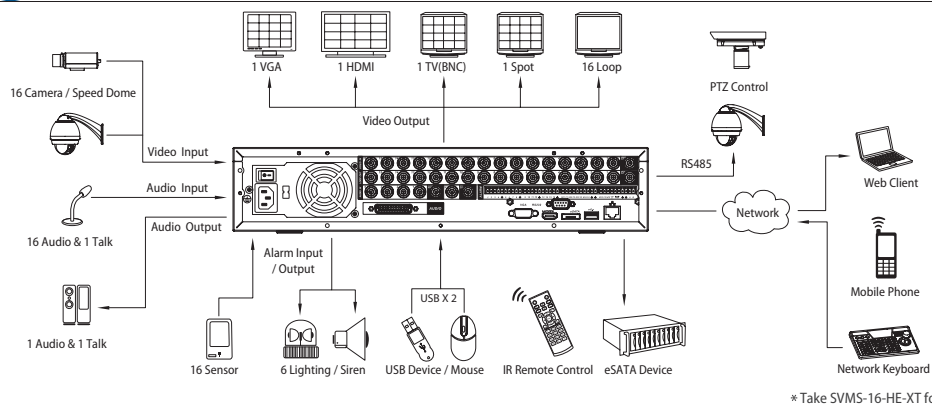
ORDERING INFORMATION

SVMS-04-HE-XT: Full D1 recording, 4 channel video inputs, 4 channel audio inputs, 4 channel loop outputs and 1 channel spot output with multi split display. Supports HDMI, VGA, eSATA and USB2.0.

SVMS-08-HE-XT: Full D1 recording, 8 channel video inputs, 8 channel audio inputs, 8 channel loop outputs and 1 channel spot output with multi split display. Supports HDMI, VGA, eSATA and USB2.0.

SVMS-16-HE-XT: Full D1 recording, 16 channel video inputs, 16 channel audio inputs, 16 channel loop outputs and 1 channel spot output with multi split display. Supports HDMI, VGA, eSATA and USB2.0.

* Each model can support 8 HDDs or 6 HDDs + 1 CD/DVD-RW, Max 2TB per HDD.
(HDD or CD/DVD-RW is not included and needs to be purchased separately)

Video Output: 1 VGA, 1 HDMI, 1 TV(BNC), 1 Spot, 16 Loop

PTZ Control

16 Camera / Speed Dome

Video Input

Audio Input

Audio Output

16 Audio & 1 Talk

1 Audio & 1 Talk

RS485

Web Client

Network

Mobile Phone

Network Keyboard

Alarm Input / Output

USB X 2

16 Sensor   6 Lighting / Siren   USB Device / Mouse   IR Remote Control   eSATA Device

* Take SVMS-16-HE-XT for example

TECHNICAL SPECIFICATIONS

	Model	SVMS-04-HE-XT	SVMS-08-HE-XT	SVMS-16-HE-XT
System	Main Processor	High performance dual core embedded microprocessor		
	Operating System	Embedded LINUX		
	System Resources	Pentaplex function: live, recording, playback, backup & remote access		
	Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network		
Video	Input	4 channel, BNC(1.0Vp-p, 75Ω)	8 channel, BNC(1.0Vp-p, 75Ω)	16 channel, BNC(1.0Vp-p, 75Ω)
	Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
	Output	1 TV, 1 Spot (multi-channel video output), BNC(1.0Vp-p, 75Ω), 1 VGA, 1 HDMI (support both video and audio)		
	Loop Output	4 channel	8 channel	16 channel
Audio	Input	4 channel, BNC(200-2800mV, 30KΩ)	8 channel, BNC(200-2800mV, 30KΩ)	16 channel, BNC(200-2800mV, 30KΩ)
	Output	1 channel, BNC(200-3000mV, 5KΩ)		
	Bidirectional Talk	1 channel Input, BNC(200-2800mV, 30KΩ), 1 channel Output, BNC(200-3000mV, 5KΩ)		
Display	Display Split	1/4	1/4/8/9	1/4/8/9/16
	Spot Split	1/4	1/4/8/9	1/4/8/9/16
	Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600		
	Tour Display	Support		
	Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera		
	OSD	Camera title, time, video loss, camera lock, motion detection, recording		
Recording	Video/Audio Compression	H.264 / G.711		
	Image Resolution	D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120)		
	Encoding Speed	Main Stream: D1/HD1/2CIF/CIF(1~25/30fps)		
		Extra Stream: CIF/QCIF(1~25/30fps)		
	Bit Rate	32~4096Kb/s		
	Image Quality	1~6 level(level 6 is the best, VBR effectively)		
	Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop		
	Recording Priority	Manual →Alarm →MD →Regular		
	Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.		
Video Detection & Alarm	Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Spot output		
	Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)		
	Video Loss & Camera Blank	Support		
	Alarm Input	4 channel	8 channel	16 channel
	Relay Output	6 channel		
Playback & Backup	Playback Channel	1/2/4/All		
	Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second), Smart Search		
	Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)		
	Backup Mode	Flash drive/ USB HDD/ USB CD&DVD-RW / eSATA Device / Built-in SATA burner/ Network download		
Network	Ethernet	RJ-45 port (10/100M/1000M)		
	Network Functions	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server		
	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information		
Hard Disk	Hard Disk	8 SATA ports, 8 HDDs or 6 HDDs + 1 CD/DVD-RW (support blue ray burner), Max 2TB per HDD supported		
	Space Occupation	Audio: 28.8MB/H, Video: 56~1800MB/H		
	HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid(Redundancy)		
Auxiliary Interface	USB Interface	2 ports, 1 for mouse control, 1 for backup		
	eSATA	1 port, Recording or Backup		
	RS232	Keyboard, PC communication		
	RS485	PTZ control		
Environmental	Power Supply	AC 100~240 V, 50/60 Hz		
	Power Consumption	25W	30W	40W
	Working Environment	-10°C~+55°C / 10~90%RH / 86~106kpa		
	Dimension	2U, 440mm×460mm×89mm(W×D×H)		
	Weight	6.5kg(without HDD)		

Specifications subject to change without notice.

Video Management System
32 Channel High-Performance DVR

Overview

Whether it is for critical infrastructure such as airports or transportation facilities, or large commercial interests such as manufacturing plants or shopping centres, the **SVMS-32-HE-XT** is suited to your needs. Able to record up to 32 devices in high definition, ensures functionality without losing quality.

APPLICATION

Ideal for monitoring of securities' companies, change booths, casinos, pawnshops, jewellers, galleries, exhibition halls, department stores, convenience stores, hospitals, police stations, transit stations, airports, banks...

FEATURES & BENEFITS

- Up to 32 cameras with full HD 1080P display
- H.264 video compression algorithm
- Each channel at CIF and special channel at D1 recording
- Dual encoding streams supported
- TV(BNC)/VGA/HDMI synchronous video output live recording, playback, backup & remote access
- All channel simultaneous playback
- Smart video detection: MD, camera blank, video loss

- Easy backup: USB devices, CD/DVD-RW & network download
- Alarm triggering screen tips, buzzer, PTZ, email, FTP upload
- Up to 8 SATA HDDs & CD/DVD-RW, 1 eSATA, 2 USB2.0
- Built-in web server, multi-DVR client

ORDERING INFORMATION

SVMS-32-HE-XT: 32 channel video inputs, 16 channel audio inputs, and 1 channel matrix output. The 1st, 9th, 17th and 25th video channels can support max D1(4CIF) realtime recording and other channels can support CIF realtime recording. Supports VGA, HDMI, eSATA and USB2.0.

* Each model can support 8 HDDs or 6 HDDs + 1 CD/DVD-RW, Max 2TB per HDD.
  (HDD or CD/DVD-RW is not included and needs to be purchased separately)

Diagram labels:

32 Camera / Speed Dome — Video Input

16 Audio & 1 Talk — Audio Input

1 Audio & 1 Talk — Audio Output

1 VGA 1 HDMI 1 TV(BNC) 1 Spot — Video Output

Alarm Input / Output

16 Sensor 6 Lighting / Siren USB X 2 USB Device / Mouse IR Remote Control eSATA Device

PTZ Control RS485 Network Switch Web Client Mobile Phone Network Keyboard
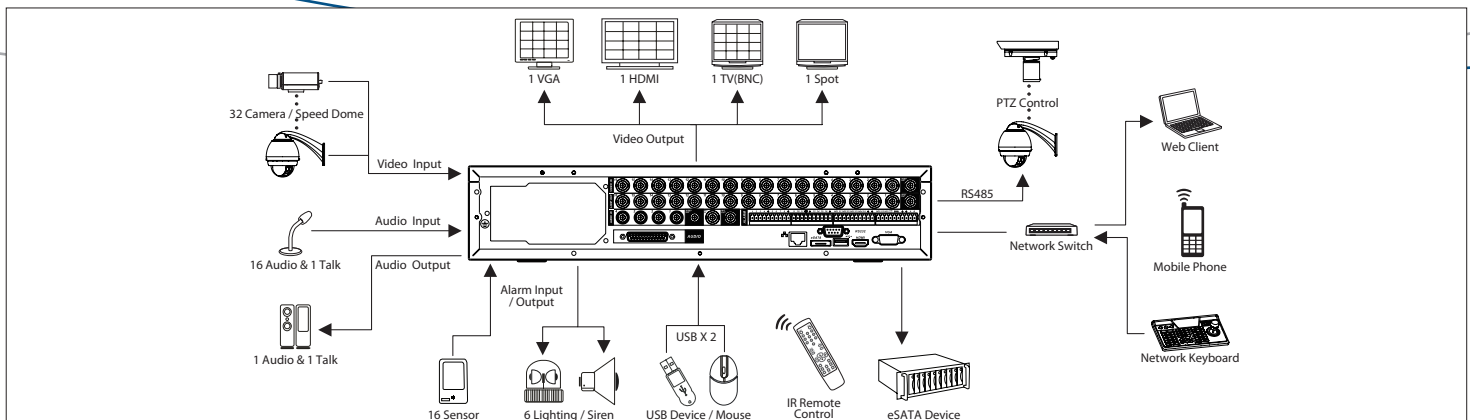
TECHNICAL SPECIFICATIONS

	Model	SVMS-32-HE-XT
System	Main Processor	High performance embedded microprocessor
	Operating System	Embedded LINUX
	System Resources	Pentaplex function: live, recording, playback, backup & remote access
	Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network
Video	Input	32 channel, BNC(1.0Vp-p, 75Ω)
	Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
	Output	1 TV, 1 Spot, BNC(1.0Vp-p, 75Ω), 1 VGA, 1 HDMI
Audio	Input	16 channel, BNC(200-2800mV, 30KΩ)
	Output	1 channel, BNC(200-3000mV, 5KΩ)
	Bidirectional Talk	1 channel Input, BNC(200-2800mV, 30KΩ), 1 channel Output, BNC(200-3000mV, 5KΩ)
Display	Display Split	1/4/8/9/16/25/36
	Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600
	Tour Display	Support
	Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera
	OSD	Camera title, time, video loss, camera lock, motion detection, recording
Recording	Video/Audio Compression	H.264 / G.711
	Image Resolution	D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)
	Encoding Speed	Main Stream: Channel 1/9/17/25: D1/CIF/QCIF (1~25/30fps);
		Others Channel: D1 (1~6/7fps) , CIF/QCIF (1~25/30fps)
		Extra Stream: CIF (1~6/7fps), QCIF(1~25/30fps)
	Bit Rate	32~2048Kb/s
	Image Quality	1~6 level(level 6 is the best, VBR effectively)
	Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop
	Recording Priority	Manual →Alarm →MD →Regular
	Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.
Video Detection & Alarm	Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Spot output
	Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)
	Video Loss & Camera Blank	Support
	Alarm Input	16 channel
	Relay Output	6 channel
Playback & Backup	Playback Channel	1/2/4/16
	Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)
	Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)
	Backup Mode	Flash drive/ USB HDD/ USB CD/DVD-RW / eSATA Device / Built-in SATA burner/ Network download
Network	Ethernet	RJ-45 port (10/100M)
	Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server
	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Hard Disk	Hard Disk	8 SATA ports, 8 HDDs or 6 HDDs + 1 CD/DVD-RW, Max 2TB per HDD supported
	Space Occupation	Audio: 28.8MB/H, Video: 56~500MB/H
	HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid(Redundancy)
Auxiliary Interface	USB Interface	2 ports, 1 for mouse control, 1 for backup
	eSATA	1 port
	RS232	Keyboard, PC communication
	RS485	PTZ control
Environmental	Power Supply	AC 100~240 V, 50/60 Hz
	Power Consumption	40W
	Working Environment	-10°C~+55°C / 10~90%RH / 86~106kpa
	Dimension	2U, 440mm×460mm×89mm(W×D×H)
	Weight	6.5kg(without HDD)

Specifications subject to change without notice.

Ingersoll Rand
Security Technologies

Video Management System
4/8/16 Channel
High-Performance DVRs

Overview

Schlage's powerful **DVRs** are the perfect solution for the security of your small to medium commercial interests and public safety. With D1 and 4 CIF real-time recording on selected channels, they are easy to use, with crisp and clear recording from 4, 8 or 16 devices.

APPLICATION

Ideal for monitoring of securities' companies, change booths, casinos, pawnshops, jewellers, galleries, exhibition halls, department stores, convenience stores, hospitals, police stations, transit stations, airports, banks...

FEATURES & BENEFITS

- Up to 4, 8 or 16 cameras with full HD 1080P display
- H.264 video compression algorithm
- Each channel at CIF and special channel at D1 recording
- Dual encoding streams supported
- TV(BNC)/VGA/HDMI synchronous video output live recording, playback, backup & remote access
- All channel simultaneous playback
- Smart video detection: MD, camera blank, video loss

- Easy backup: USB devices, CD/DVD-RW & network download
- Alarm triggering screen tips, buzzer, PTZ, email, FTP upload
- Up to 8 SATA HDDs & CD/DVD-RW, 1 eSATA, 2 USB2.0
- Built-in web server, multi-DVR client

ORDERING INFORMATION

SVMS-04-ME-XT: 4 channel video inputs, 4 channel audio inputs, 4 channel loop outputs and 1 channel matrix output. The first video channel can support max D1(4CIF) realtime recording and other channels can support CIF realtime recording. Supports VGA, HDMI, eSATA and USB2.0.

SVMS-08-ME-XT: 8 channel video inputs, 8 channel audio inputs, 8 channel loop outputs and 1 channel matrix output. The first video channel can support max D1(4CIF) realtime recording and other channels can support CIF realtime recording. Supports VGA, HDMI, eSATA and USB2.0.

SVMS-16-ME-XT: 16 channel video inputs, 16 channel audio inputs, 16 channel loop outputs and 1 channel matrix output. The first and ninth video channels can support max D1(4CIF) realtime recording and other channels can support CIF realtime recording. Supports VGA, HDMI, eSATA and USB2.0.

* Each model can support 8 HDDs or 6 HDDs + 1 CD/DVD-RW, Max 2TB per HDD.
(HDD or CD/DVD-RW is not included and needs to be purchased separately)

Diagram labels: 16 Camera / Speed Dome, Video Input, Audio Input, 16 Audio & 1 Talk, Audio Output, 1 Audio & 1 Talk, 1 VGA, 1 HDMI, 1 TV(BNC), 1 Spot, 16 Loop, Video Output, PTZ Control, RS485, Web Client, Mobile Phone, Network Switch, Network Keyboard, Alarm Input / Output, USB X 2, 16 Sensor, 6 Lighting / Siren, USB Device / Mouse, IR Remote Control, eSATA Device

＊Take SVMS-16-ME-XT for example
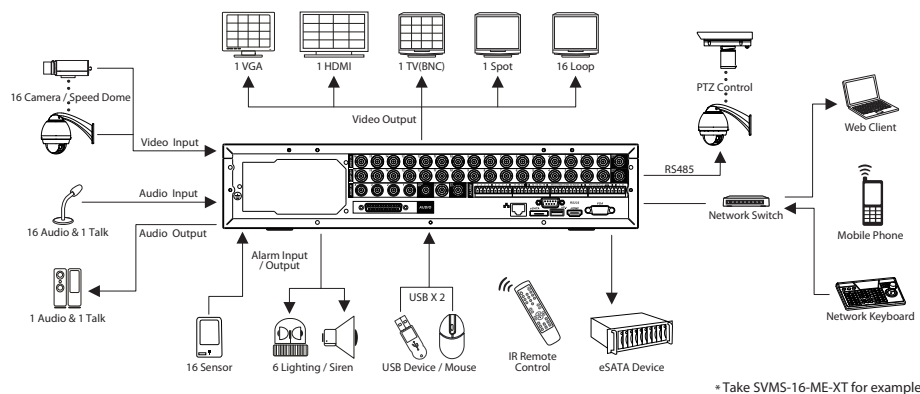
TECHNICAL SPECIFICATIONS

	Model	SVMS-04-ME-XT	SVMS-08-ME-XT	SVMS-16-ME-XT
System	Main Processor	High performance embedded microprocessor		
	Operating System	Embedded LINUX		
	System Resources	Pentaplex function: live, recording, playback, backup & remote access		
	Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network		
Video	Input	4 channel, BNC(1.0Vp-p, 75Ω)	8 channel, BNC(1.0Vp-p, 75Ω)	16 channel, BNC(1.0Vp-p, 75Ω)
	Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
	Output	1 TV, 1 Spot, BNC(1.0Vp-p, 75Ω), 1 VGA, 1 HDMI		
	Loop Output	4 channel	8 channel	16 channel
Audio	Input	4 channel, BNC(200-2800mV, 30KΩ)	8 channel, BNC(200-2800mV, 30KΩ)	16 channel, BNC(200-2800mV, 30KΩ)
	Output	1 channel, BNC(200-3000mV, 5KΩ)		
	Bidirectional Talk	1 channel Input, BNC(200-2800mV, 30KΩ), 1 channel Output, BNC(200-3000mV, 5KΩ)		
Display	Display Split	1/4	1/4/8/9	1/4/8/9/16
	Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600		
	Tour Display	Support		
	Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera		
	OSD	Camera title, time, video loss, camera lock, motion detection, recording		
Recording	Video/Audio Compression	H.264 / G.711		
	Image Resolution	D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)		
	Encoding Speed	Main Stream: Channel 1: D1/CIF/QCIF (1~25/30fps); Channel 2~4: CIF/QCIF (1~25/30fps), D1 (1~6/7fps)	Main Stream: Channel 1: D1/CIF/QCIF (1~25/30fps); Channel 2~8: CIF/QCIF (1~25/30fps), D1 (1~6/7fps)	Main Stream: Channel 1 & 9: D1/CIF/QCIF (1~25/30fps); Others Channel: CIF/QCIF (1~25/30fps), D1 (1~6/7fps)
		Extra Stream: QCIF(1~25/30fps) , CIF (1~6/7fps)		
	Bit Rate	32~2048Kb/s		
	Image Quality	1~6 level(level 6 is the best, VBR effectively)		
	Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop		
	Recording Priority	Manual →Alarm →MD →Regular		
	Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.		
Video Detection & Alarm	Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Spot output		
	Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)		
	Video Loss & Camera Blank	Support		
	Alarm Input	4 channel	8 channel	16 channel
	Relay Output	6 channel		
Playback & Backup	Playback Channel	1/2/4/All		
	Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)		
	Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)		
	Backup Mode	Flash drive/ USB HDD/ USB CD/DVD-RW / eSATA Device / Built-in SATA burner/ Network download		
Network	Ethernet	RJ-45 port (10/100M)		
	Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server		
	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information		
Hard Disk	Hard Disk	8 SATA ports, 8 HDDs or 6 HDDs + 1 CD/DVD-RW, Max 2TB per HDD supported		
	Space Occupation	Audio: 28.8MB/H, Video: 56~500MB/H		
	HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid(Redundancy)		
Auxiliary Interface	USB Interface	2 ports, 1 for mouse control, 1 for backup		
	eSATA	1 port		
	RS232	Keyboard, PC communication		
	RS485	PTZ control		
Environmental	Power Supply	AC 100~240 V, 50/60 Hz		
	Power Consumption	25W	30W	40W
	Working Environment	-10°C~+55°C / 10~90%RH / 86~106kpa		
	Dimension	2U, 440mm×460mm×89mm(W×D×H)		
	Weight	6.5kg(without HDD)		

Specifications subject to change without notice.

Ingersoll Rand
Security Technologies

![Schlage logo]

Video Management System
4 Channel Entry-Level Simple 1U DVR

Overview

This entry-level **DVR** is the perfect solution for the security of your small business. With D1 and 4 CIF real-time recording on selected channels, it is easy to use, with crisp and clear recording of up to 4 devices.

APPLICATION

Ideal for monitoring of change booths, pawnshops, jewellers, galleries, convenience stores...
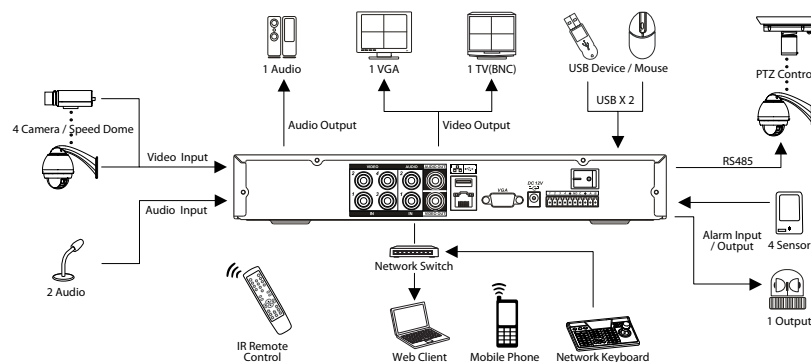
FEATURES & BENEFITS

- Up to 4 cameras with SXGA(1280×1024) display
- H.264 video compression algorithm
- Each channel at CIF or 6/7fps at D1 recording
- Dual encoding streams supported
- TV(BNC)/VGA synchronous video output live recording, playback, backup & remote access
- All channel simultaneous playback
- Smart video detection: MD, camera blank, video loss

- Easy backup: USB devices, network download
- Alarm triggering screen tips, buzzer, PTZ, email, FTP upload
- Supports 1 SATA HDD, 2 USB2.0
- Built-in web server, multi-DVR client

ORDERING INFORMATION

SVMS-04-LE-XT: 4 channel video inputs and 2 channel audio inputs. The first video channel can support max D1(4CIF) realtime recording and other channels can support CIF realtime recording. Supports TV, VGA and USB2.0.

1 Audio 1 VGA 1 TV(BNC) USB Device / Mouse PTZ Control

Audio Output Video Output USB X 2

4 Camera / Speed Dome

Video Input

RS485

Audio Input

Alarm Input / Output 4 Sensor

2 Audio

Network Switch

IR Remote Control Web Client Mobile Phone Network Keyboard

1 Output

TECHNICAL SPECIFICATIONS

	Model	SVMS-04-LE-XT
System	Main Processor	High performance embedded microprocessor
	Operating System	Embedded LINUX
	System Resources	Pentaplex function: live, recording, playback, backup & remote access
	Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network
Video	Input	4 channel, BNC(1.0Vp-p, 75Ω)
	Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
	Output	1 TV, BNC(1.0Vp-p, 75Ω), 1 VGA
Audio	Input	2 channel, BNC(200-2800mV, 30KΩ), Channel 1 for bidirectional-talk input synchronously
	Output	1 channel, BNC(200-3000mV, 5KΩ)
Display	Display Split	1/4
	Resolution	1280×1024, 1280×720, 1024×768, 800×600
	Tour Display	Support
	Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera
	OSD	Camera title, time, video loss, camera lock, motion detection, recording
Recording	Video/Audio Compression	H.264 / G.711
	Image Resolution	D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)
	Encoding Speed	Main Stream: Channel 1: D1/CIF/QCIF (1~25/30fps);
		Channel 2~4: CIF/QCIF (1~25/30fps), D1 (1~6/7fps)
		Extra Stream: QCIF(1~25/30fps) , CIF(1~6/7fps)
	Bit Rate	32~2048Kb/s
	Image Quality	1~6 level(level 6 is the best, VBR effectively)
	Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop
	Recording Priority	Manual →Alarm →MD →Regular
	Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.
Video Detection & Alarm	Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Spot output
	Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)
	Video Loss & Camera Blank	Support
	Alarm Input	4 channel
	Relay Output	1 channel
Playback & Backup	Playback Channel	1/2/4
	Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)
	Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)
	Backup Mode	Flash drive / USB HDD / USB CD/DVD-RW / Network download
Network	Ethernet	RJ-45 port (10/100M)
	Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server
	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Hard Disk	Hard Disk	1 SATA port, Max 2TB HDD supported
	Space Occupation	Audio: 28.8MB/H, Video: 56~500MB/H
	HDD Management	Hard disk hibernation technology, HDD faulty alarm
Auxiliary Interface	USB Interface	2 ports, 1 for mouse control, 1 for backup
	RS485	PTZ control
Environmental	Power Supply	AC 100~240 V, 50/60 Hz
	Power Consumption	25W
	Working Environment	-10˚C~+55˚C / 10~90%RH / 86~106kpa
	Dimension	1U, 325mm×245mm×45mm(W×D×H)
	Weight	2.0kg(without HDD)

Specifications subject to change without notice.

Ingersoll Rand
Security Technologies

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Video Management System
Network Keyboard & Control Keyboard

Overview

The **SVMS-KB-N** and the **SVMS-KB-A** are desktop keyboards with full switching and programming capabilities. They were designed with the feel of a traditional CCTV matrix or multiplexer controller, but that is where the similarity ends. The SVMS-KB-N and the SVMS-KB-A bridge the gaps between traditional video systems and a total video management system.

ORDERING INFORMATION

SVMS-KB-N:
Desktop keyboard with full switching and programming capabilities: RJ-45, RS232, RS485, network capable

SVMS-KB-A:
Desktop keyboard with full switching and programming capabilities: RS232, RS485

FEATURES & BENEFITS

- Keyboard to control:
  - DVR
  - High speed dome
  - Network high speed dome
  - Network video server
- RS232, RS485 & network connections
- Three dimensional joystick control of pan, tilt and zoom functions
- Preset position, auto scan, auto pan, auto tour & pattern control
- Auxiliary functions
- On-screen menu & user operation procedure tips

DIRECT MODE

Analog PTZ   DVR   Analog PTZ

Keyboard

NETWORK MODE

Network PTZ   DVR   Analog PTZ

NETWORK

Keyboard   Online Client

TECHNICAL SPECIFICATIONS

	Model	SVMS-KB-N	SVMS-KB-A
General	Keyboard Keypanel	Electromechanical	
	Joystick	3-axis, vector-solving, with twisting, return to-centre head	
	Keyboard Connector	RJ-45, RS232, RS485	RS232, RS485
	Direct Mode	Interface: RS232/RS485 Dome Protocol: PELCO-D/PELCO-P/PELCO-D1/PELCO-P1	
	Network Mode	Interface: RJ45 DVR/Network Dome: IP Address/Port/Protocol	N/A
	Display	LCD, 84mm x 31mm	
Environmental	Power Supply	Power adapter, input 100V~240V 50Hz / 60Hz,output DC12V/1000mA	
	Power Consumption	5W	
	Working Temperature	-10˚C~+55˚C	
	Working Humidity	10%~90%	
	Atmosphere Pressure	86kpa~106kpa	
	Dimension	320mmx190mmx50mm (W×D×H) (height: 100mm including joystick)	
	Weight	2.5kg	

Specifications subject to change without notice.

IP Network Cameras

Complete IP Network Camera offerings

Convenient operation to deliver Clear and Crisp image

Intelligent Cameras for proactive surveillance

1.3, 2, 3, 5 Megapixel Network Cameras (720P, 1080P)

Multiple coding formats supported for dual stream: H.264/MPEG4/MJPEG compression

Network Cameras
High-Performance IP Network Box Cameras

Overview

Schlage by Ingersoll Rand Security Technologies is a global leader in providing products and solutions that make our environments safer, more secure and more productive. Ingersoll Rand Security Technologies offers a comprehensive and innovative range of CCTV solutions which are used across many different industries such as corrections, transportation and commercial facilities.

Our next generation High-Performance IP Network Box Camera range features a choice of 1.3MP, 2MP, 3MP and 5MP options when crisp ultra high resolution images are required. The Schlage SCIPB series options include H.264/MPEG4/MJPEG compression, ONVIF compliant and built-in SD card support for local storage.

APPLICATION

The product is suitable for casinos, financial institutions, airports and government facilities.

FEATURES & BENEFITS
- Multiple coding format supported for dual stream: H.264/MPEG4/MJPEG compression
- Support dual streams, and the sub stream used for the mobile phone surveillance
- Removable IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Auto iris, electronic shutter for different environments
- Complete function: heartbeat, RS485 control, alarm and reset button
- Local analogue video output, convenient for adjustment and installation
- Alarm trigger function: Motion detection, Video loss, Network disconnect , IP address conflict, Storage exception
- Support up to 32 GB SD/SDHC card local storage

ORDERING INFORMATION

SCIPB1MP-P(PAL)/ SCIPB1MP-N(NTSC):
Schlage IP Box Camera with 1.3 megapixel CCD, H.264/MPEG4/MJPEG compression, POE, 12 VDC

SCIPB2MP-P(PAL)/ SCIPB2MP-N(NTSC):
Schlage IP Box Camera with 2 megapixel CMOS, H.264/MPEG4/MJPEG compression, POE, 12 VDC

SCIPB3MP-P(PAL)/ SCIPB3MP-N(NTSC):
Schlage IP Box Camera with 3 megapixel CMOS, H.264/MPEG4/MJPEG compression, POE, 12 VDC

SCIPB5MP-P(PAL)/ SCIPB5MP-N(NTSC):
Schlage IP Box Camera with 5 megapixel CMOS , H.264/MPEG4/MJPEG compression, POE, 12 VDC
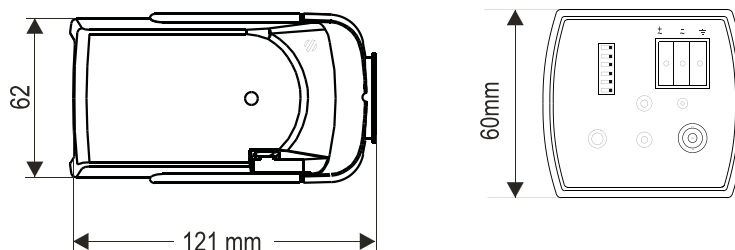
TECHNICAL SPECIFICATIONS

	Model	SCIPB1MP-P/SCIPB1MP-N	SCIPB2MP-P/SCIPB2MP-N	SCIPB3MP-P/SCIPB3MP-N	SCIPB5MP-P/SCIPB5MP-N
	Parameter	**1.3 Megapixel CCD ICR Network Box Camera**	**2 Megapixel CMOS ICR Network Box Camera**	**3 Megapixel CMOS ICR Network Box Camera**	**5 Megapixel CMOS ICR Network Box Camera**
Camera	Image Sensor	1/3" SONY Progressive Scan CCD	1/3" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	
	Signal System	PAL/NTSC			
	Min. Illumination	Color: 0.1 Lux @ (F1.2, AGC ON) B/W: 0.01 Lux @ (F1.2, AGC ON)	Color: 0.5 Lux @ (F1.2, AGC ON), 0.1 Lux @ (F1.2, AGC ON, sensitivity × 5) B/W: 0.05 Lux @ (F1.2, AGC ON), 0.01 Lux @ (F1.2, AGC ON, sensitivity × 5)	Color: 0.6 Lux @ (F1.2, AGC ON) B/W: 0.08 Lux @ (F1.2, AGC ON)	
	Shutter Time	1/25 (1/30) s to 1/100,000 s			
	Lens Mount	C/CS mount			
	Auto Iris	DC drive			
	Day & Night	IR cut filter with auto switch			
Compression Standard	Video Compression	H.264/MPEG4/MJPEG			
	Bit Rate	32 Kbps – 16 Mbps			
	Audio Compression	G.711			
	Dual Stream	Yes			
Image	Max. Image Resolution	1280 x 960	1600 x 1200	2048 x 1536	2560 × 1920
	Frame Rate	50 Hz: 12.5 fps (1280 × 960), 25 fps (1280 × 720) 60 Hz: 15 fps (1280 × 960), 30 fps (1280 × 720)	50 Hz: 12.5 fps (1600 × 1200), 12.5 fps (1600 × 912), 25 fps (1280 × 960), 25 fps (1280 × 720) 60 Hz: 15 fps (1600 × 1200), 15 fps (1600 × 912), 25 fps (1280 × 960), 30 fps (1280 × 720)	50 Hz: 12.5 fps (2048 × 1536), 25 fps (1920 × 1080), 25 fps (1600 × 1200) 60 Hz: 15 fps (2048 × 1536), 30 fps (1920 × 1080), 30 fps (1600 × 1200)	50 Hz: 6.25 fps (2560 × 1920), 12.5 fps (2048 × 1536), 25 fps (1920 × 1080), 25 fps (1600 × 1200), 25 fps (1280 × 720) 60 Hz: 7.5 fps (2560 × 1920), 15 fps (2048 × 1536), 30 fps (1920 × 1080), 30 fps (1600 × 1200), 30 fps (1280 × 720)
	Image Setting	Saturation, Brightness, Contrast adjustable through client software or web browser			
Network	Local Storage	Built-in SD/SDHC slot, up to 32 GB			
	Alarm Trigger	Motion detection, Video loss, Network disconnect , IP address conflict, Storage exception			
	Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP			
	Basic Function	Reset button, Anti-flicker, Dual-stream, Heartbeat, Password protection, Watermark			
Interface	Audio Input	1-ch microphone input, 3.5 mm mini-jack			
	Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)			
	Communication Interface	1 RJ45 10 M/100 M Ethernet port and 1 RS-485 interface			
	Alarm Input	1			
	Alarm Output	1			
	Video Output	1Vp-p composite output (75 Ω/BNC)			
	Reset Button	Yes			
General	Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)			
	Power Supply	12 V DC ± 10% PoE (802.3af)			
	Power Consumption	Max. 7.5 W (Max. 12.5 W with IR cut filter on)	Max. 4.5 W (Max. 9.5 W with IR cut filter on)	Max. 5.5 W (Max. 10.5 W with IR cut filter on)	Max. 5 W (Max. 10 W with IR cut filter on)
	Dimension	68 × 64.9 × 144.8 mm (2.68" × 2.56" × 5.70")			
	Weight	500g (1.10 lbs)			

Specifications subject to change without notice.

Ingersoll Rand
Security Technologies

Network Cameras
High-Performance
IP Network Dome Cameras

Overview

Schlage by Ingersoll Rand Security Technologies is a global leader in providing products and solutions that make our environments safer, more secure and more productive. Ingersoll Rand Security Technologies offers a comprehensive and innovative range of CCTV solutions which are used across many different industries such as corrections, transportation and commercial facilities.

Our next generation High-Performance IP Network Dome Camera range features a choice of 1.3MP, 2MP, 3MP and 5MP options when crisp ultra high resolution images are required. Schlage SCIPD series options include H.264/MPEG4/MJPEG compression, with built-in SD card support for local storage and the ability to support dual streaming.

APPLICATION
The product is suitable for casino, financial institutions, airports and government facilities.

FEATURES & BENEFITS
- Multiple coding format supported for dual stream: H.264/MPEG4/MJPEG compression
- Supports dual streams, and the sub stream used for mobile phone surveillance
- Two-way audio
- PoE (Power over Ethernet)
- Auto iris, electronic shutter for different environments
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Complete function: heartbeat, RS485 control, alarm and reset button
- Local analogue video output, convenient for adjustment and installation
- Vandal proof: Impact Protection (IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10)
- Alarm trigger function: Motion detection, Video loss, Network disconnect , IP address conflict, Storage exception
- Support up to 32 GB SD/SDHC card local storage

ORDERING INFORMATION

SCIPD1MP-P(PAL)/ SCIPD1MP-N(NTSC):
Schlage IP Dome camera with 1.3 megapixel CCD, H.264/MPEG4/MJPEG compression, POE, 12 VDC

SCIPD2MP-P(PAL)/ SCIPD2MP-N(NTSC):
Schlage IP Dome camera with 2 megapixel CMOS, H.264/MPEG4/MJPEG compression, POE, 12 VDC

SCIPD3MP-P(PAL)/ SCIPD3MP-N(NTSC):
Schlage IP Dome camera with 3 megapixel CMOS, H.264/MPEG4/MJPEG compression, POE, 12 VDC

SCIPD5MP-P(PAL)/ SCIPD5MP-N(NTSC):
Schlage IP Dome camera with 5 megapixel CMOS , H.264/MPEG4/MJPEG compression, POE, 12 VDC

Unit: mm
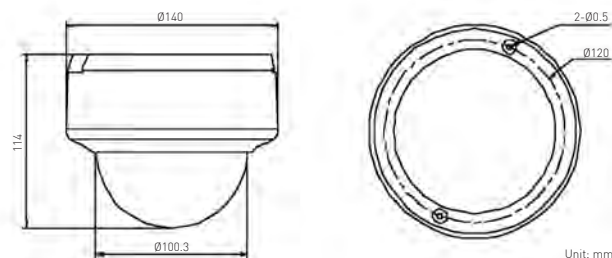
TECHNICAL SPECIFICATIONS

	Model	SCIPD1MP-P/SCIPD1MP-N	SCIPD2MP-P/SCIPD2MP-N	SCIPD3MP-P/SCIPD3MP-N	SCIPD5MP-P/SCIPD5MP-N
	Parameter	1.3 Megapixel CCD Vandal-proof Network Dome Camera	2 Megapixel CMOS Vandal-proof Network Dome Camera	3 Megapixel CMOS Vandal-proof Network Dome Camera	5 Megapixel CMOS Vandal-proof Network Dome Camera
Camera	Image Sensor	1/3" SONY Progressive Scan CCD	1/3" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	
	Signal System	PAL/NTSC			
	Min. Illumination	0.1 Lux @ (F1.2, AGC ON)	0.5 Lux @ (F1.2, AGC ON), 0.1 Lux @ (F1.2, AGC ON, sensitivity × 5)	0.6 Lux @ (F1.2, AGC ON) 0.7 Lux @ (F1.6, AGC ON)	
	Shutter Time	1/25 (1/30) s to 1/100,000 s			
	Lens	2.7 – 9 mm @ F1.2		2.7 – 9 mm @ F1.6	4.5 – 10 mm @ F1.6
		Angle of view: 101° - 30.4°		Angle of view: 94.7° - 28.6°	Angle of view: 71.5° - 33.5°
	Auto Iris	DC drive			
	Angle Adjustment	Pan: 0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°			
	Day & Night	Electronic			
Compression Standard	Video Compression	H.264/MPEG4/MJPEG			
	Bit Rate	32 Kbps – 16 Mbps			
	Audio Compression	G.711			
	Dual Stream	Yes			
Image	Max. Image Resolution	1280 x 960	1600 x 1200	2048 x 1536	2560 × 1920
	Frame Rate	50 Hz: 12.5 fps (1280 × 960), 25 fps (1280 × 720) 60 Hz: 15 fps (1280 × 960), 30 fps (1280 × 720)	50 Hz: 12.5 fps (1600 × 1200), 12.5 fps (1600 × 912), 25 fps (1280 × 960), 25 fps (1280 × 720) 60 Hz: 15 fps (1600 × 1200), 15 fps (1600 × 912), 25 fps (1280 × 960), 30 fps (1280 × 720)	50 Hz: 12.5 fps (2048 × 1536), 25 fps (1920 × 1080), 25 fps (1600 × 1200) 60 Hz: 15 fps (2048 × 1536), 30 fps (1920 × 1080), 30 fps (1600 × 1200)	50 Hz: 6.25 fps (2560 × 1920), 12.5 fps (2048 × 1536), 25 fps (1920 × 1080), 25 fps (1600 × 1200), 25 fps (1280 × 720) 60 Hz: 7.5 fps (2560 × 1920), 15 fps (2048 × 1536), 30 fps (1920 × 1080), 30 fps (1600 × 1200), 30 fps (1280 × 720)
	Image Setting	Saturation, Brightness, Contrast adjustable through client software or web browser			
Network	Local Storage	Built-in SD/SDHC slot, up to 32 GB			
	Alarm Trigger	Motion detection, Video loss, Network disconnect , IP address conflict, Storage exception			
	Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP			
	Basic Function	Reset button, Anti-flicker, Dual-stream, Heartbeat, Password protection, Watermark			
Interface	Audio Input	1-ch microphone input, 3.5 mm mini-jack			
	Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)			
	Communication Interface	1 RJ45 10 M/100 M Ethernet port and 1 RS-485 interface			
	Alarm Input	2			
	Alarm Output	2			
	Video Output	1Vp-p composite output (75 Ω/BNC)			
	Reset Button	Yes			
General	Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)			
	Power Supply	12 V DC ± 10% PoE (802.3af)			
	Power Consumption	Max. 7.5 W	Max. 4.5 W	Max. 4.5 W	
	Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10			
	Dimension	140 × 114 mm (5.51" × 4.49")			
	Weight	1.4kg (3.09 lbs)			

Specifications subject to change without notice.

Ingersoll Rand
Security Technologies

Network Cameras
High-Performance
IP Network Vandal Proof Mini Dome Camera

Overview

Schlage by Ingersoll Rand Security Technologies is a global leader in providing products and solutions that make our environments safer, more secure and more productive. Ingersoll Rand Security Technologies offers a comprehensive and innovative range of CCTV solutions which are used across many different industries such as corrections, transportation and commercial facilities.

Our next generation High-Performance IP Network 2 MP Mini Dome camera features H.264/MPEG4/MJPEG compression, ONVIF compliant and a IP 66 weather proof rating.

APPLICATION

The product is suitable for shopping centres, lifts, public access areas...

FEATURES & BENEFITS

- Up to 2 megapixel (1600 × 1200) resolution, real time video at HD 720P
- Multiple coding format supported for dual stream: H.264/MPEG4/MJPEG compression
- Progressive scan CMOS, capture motion video without sawtooth
- Supports ePTZ function
- Supports dual streams, and the sub stream used for mobile phone surveillance
- PoE (Power over Ethernet)
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Weather proof rating: IP66
- Vandal proof: Impact protection (IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10)

ORDERING INFORMATION

SCIPmVD2MP-P(PAL)/SCIPmVD2MP-N(NTSC):
Schlage IP Mini Vandal Proof Dome camera with 2 megapixel CMOS, 2.8 mm @ F1.8, H.264/MPEG4/MJPEG compression, POE, 12 VDC

Unit: mm
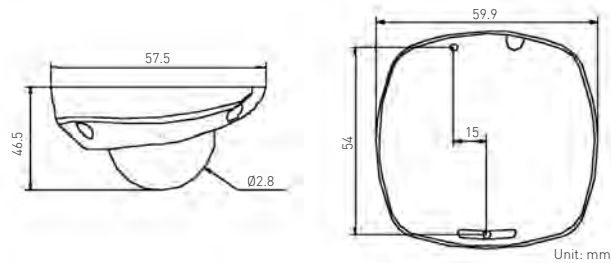
TECHNICAL SPECIFICATIONS

Model	SCIPmVD2MP-P/SCIPmVD2MP-N
Parameter	**2 megapixel CMOS Weather-proof Vandal-proof Network Mimi Dome Camera**

Camera	Image Sensor	1/3" Progressive Scan CMOS
	Signal System	PAL/NTSC
	Min. Illumination	0.5 Lux @ (F1.2, AGC ON), 0.1 Lux @ (F1.2, AGC ON, sensitivity × 5)
		1.1 Lux @ (F1.8, AGC ON), 0.2 Lux @ (F1.8, AGC ON, sensitivity × 5)
	Shutter Time	1/25 (1/30) s to 1/100,000 s
	Lens	2.8 mm @ F1.8
	Lens Mount	M12
	Day & Night	Electronic
Compression Standard	Video Compression	H.264/MPEG4/MJPEG
	Bit Rate	32 Kbps – 16 Mbps
	Dual Stream	Yes
Image	Max. Image Resolution	1600 x 1200
	Frame Rate	50 Hz: 12.5 fps (1600 × 1200), 12.5 fps (1600 × 912), 25 fps (1280 × 960), 25 fps (1280 × 720)
		60 Hz: 15 fps (1600 × 1200), 15 fps (1600 × 912), 25 fps (1280 × 960), 30 fps (1280 × 720)
	Image Setting	Saturation, Brightness, Contrast adjustable through client software or web browser
Network	Alarm Trigger	Motion detection
	Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP (SNMP, HTTPS, SIP, FTP, SRTP, 802.1x, IPv6 optional)
	Security	User Authentication, Watermark
	System Compatibility	ONVIF, PSIA, CG
Interface	Communication Interface	1 RJ45 10 M/100 M Ethernet port
	Reset Button	Yes
General	Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
	Power Supply	12 V DC ± 10% PoE (802.3af)
	Power Consumption	Max. 4 W
	Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
	Weather Proof Rating	IP66
	Dimension	100 x 97.5 x 46.5 mm (3.94" x 3.84" x 1.83")
	Weight	250g (0.55 lbs)

Specifications subject to change without notice.

Network Cameras
High-Performance
IP Vandal-Proof Dome Cameras

Overview

Schlage by Ingersoll Rand Security Technologies is a global leader in providing products and solutions that make our environments safer, more secure and more productive. Ingersoll Rand Security Technologies offers a comprehensive and innovative range of CCTV solutions which are used across many different industries such as corrections, transportation and commercial facilities.

Our next generation High-Performance IP Network Vandal-Proof Dome Camera range features a choice of 1.3MP and 2MP options when crisp ultra high resolution images are required. Schlage SCIPVD series are ONVIF compliant with built-in SD card support for local storage.

APPLICATION

Perfect for ruggered outdoor applications.

FEATURES & BENEFITS

- H.264 video compression with high compression ratio
- Supports dual streams, and the sub stream used for mobile phone surveillance
- Two-way audio
- PoE (Power over Ethernet)
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Complete function: RS485 control and alarm
- Weather proof rating: IP66
- Vandal proof: Impact protection (IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10)
- Support up to 32 GB SD/SDHC card local storage

ORDERING INFORMATION

SCIPVD1MP-P(PAL) / SCIPVD1MP-N(NTSC):
Schlage IP Vandal-Proof Dome Camera with 1.3 megapixel CCD, 3.3 – 12 mm @ F1.4, H.264 compression, POE, 12 VDC

SCIPVD2MP-P(PAL) / SCIPVD2MP-N(NTSC):
Schlage IP Vandal-Proof Dome Camera with 2 megapixel CMOS, 2.7 – 9 mm @ F1.2, H.264 compression, POE, 12 VDC, PAL
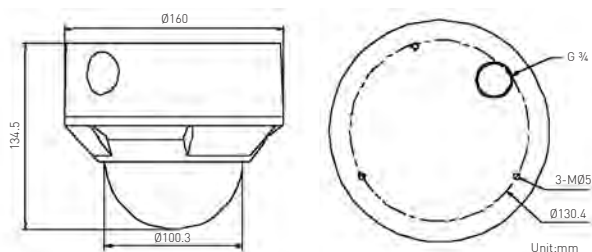
TECHNICAL SPECIFICATIONS

	Model	SCIPVD1MP-P/SCIPVD1MP-N	SCIPVD2MP-N/SCIPVD2MP-N
	Parameter	1.3 Megapixel CCD ICR Weather-proof Vandal-proof IP Dome Camera	2 Megapixel CMOS Weather-proof Vandal-proof IP Dome Camera
Camera	Image Sensor	1/3˝ SONY Progressive Scan CCD	1/3˝ Progressive Scan CMOS
	Signal System	PAL/NTSC	
	Min. Illumination	Color: 0.1 Lux @ (F1.2, AGC ON) B/W: 0.01 Lux @ (F1.2, AGC ON)	0.5 Lux @ (F1.2, AGC ON), 0.1 Lux @ (F1.2, AGC ON, sensitivity × 5)
	Shutter Time	1/4 s to 1/100,000 s	
	Lens	2.7 – 9 mm @ F1.2	
		Angle of view: 89° - 24°	Angle of view: 101° - 30.4°
	Auto Iris	DC drive	N/A
	Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	
	Day & Night	Electronic	Electronic
Compression Standard	Video Compression	H.264	
	Bit Rate	32 Kbps - 8 Mbps	
	Audio Compression	OggVorbis	
	Dual Stream	Yes	
Image	Max. Image Resolution	1280 × 960	1600 × 1200
	Frame Rate	50Hz:12.5fps (1280×960),25fps (1280×720) 60Hz:15fps (1280×960),24fps (1280×720)	50 HZ: 12.5 fps (1600 × 1200), 12.5 fps (1600 × 912), 25 fps (1280 × 720) 60 HZ: 10 fps (1600 × 1200), 15 fps (1600 × 912), 15 fps (1280 × 720)
	Image Setting	Saturation, Brightness, Contrast adjustable through client software or web browser	
Network	Local Storage	Built-in SD/SDHC slot, up to 32 GB	
	Alarm Trigger	Motion detection	
	Protocols	TCP/IP, HTTP, DHCP, DNS, RTP/RTCP, PPPoE	
	Security	Password protection	Password protection
Interface	Audio Input	1-ch, 3.5 mm audio interface (2.0 - 2.4 Vp-p, 1 kΩ)	
	Audio Output	1-ch, 3.5 mm audio interface (Line level, 600 Ω)	
	Communication Interface	1 RJ45 10 M/100 M Ethernet port and 1 RS-485 interface	
	Alarm Input	1	
	Alarm Output	1	
	Video Output	1Vp-p composite output (75 Ω/BNC)	
General	Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)	
	Power Supply	24 V AC ± 10%, 12 V DC ± 10% PoE (802.3af)	
	Power Consumption	Max. 6W	Max. 3.5W
	Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10	
	Weather Proof Rating	IP66	
	Dimension	156 × 134.5 mm (6.14˝ × 5.30˝)	
	Weight	1.4kg (3.09 lbs)	

Specifications subject to change without notice.

Network Cameras
High-Performance
IP Network Speed Dome Cameras

Overview

Schlage by Ingersoll Rand Security Technologies is a global leader in providing products and solutions that make our environments safer, more secure and more productive. Ingersoll Rand Security Technologies offers a comprehensive and innovative range of CCTV solutions which are used across many different industries such as corrections, transportation and commercial facilities.

Our next generation High-Performance IP Indoor and Outdoor PTZ Cameras feature a choice of 22x, 23x, 30x and 36x zoom, 360 degree pan range and 256 presets, with built-in SD card for recording of events and alarms.

APPLICATION

They can be widely applied to corrections facilities, gaming facilities, street surveillance, stadiums, shopping centres and airports.

FEATURES & BENEFITS

- Multiple coding format supported for dual stream: H.264/MJPEG compression
- Self-adaptive to Pelco-P/D protocol
- 360° endless pan range and -5°-185° tilt range
- 540°/s pan preset speed and 400°/s tilt preset speed
- 0.1°-300°/s manual pan speed and 0.1°-240°/s manual tilt speed
- Proportional zoom function
- Park action: auto callup of PTZ movement after a defined time of inactivity
- 7 alarm inputs and 2 alarm outputs
- Built-in Web server
- Multiple network protocols supported: TCP/IP, HTTP, DHCP, DNS, RTP/RTCP, PPPoE (FTP, SMTP, NTP, SNMP optional)
- IP66 weather proof rating for outdoor models

ORDERING INFORMATION

SCIPPTZI22-P(PAL)/ SCIPPTZI22-N(NTSC):
Schlage IP Indoor PTZ, 22 x Zoom, 1/4" Sony Super HAD CCD, 4CIF realtime, H.264/MJPEG compression, 24VAC

SCIPPTZI23-P(PAL)/ SCIPPTZI23-N(NTSC):
Schlage IP Indoor PTZ, 23 x Zoom, 1/4" Sony Super HAD CCD, 4CIF realtime, H.264/MJPEG compression, 24VAC

SCIPPTZI30-P(PAL)/ SCIPPTZI30-N(NTSC):
Schlage IP Indoor PTZ, 30 x Zoom, 1/4" Sony Super HAD CCD, 4CIF realtime, H.264/MJPEG compression, 24VAC

SCIPPTZI36-P(PAL)/ SCIPPTZI36-N(NTSC):
Schlage IP Indoor PTZ, 36 x Zoom, 1/4" Sony Super HAD CCD, 4CIF realtime, H.264/MJPEG compression, 24VAC

SCIPPTZO22-P(PAL)/ SCIPPTZO22-N(NTSC):
Schlage IP Outdoor PTZ, 22 x Zoom, 1/4" Sony Super HAD CCD, 4CIF realtime, H.264/MJPEG compression, 24VAC

SCIPPTZO23-P(PAL)/ SCIPPTZO23-N(NTSC):
Schlage IP Outdoor PTZ, 23 x Zoom, 1/4" Sony Super HAD CCD, 4CIF realtime, H.264/MJPEG compression, 24VAC

SCIPPTZO30-P(PAL)/ SCIPPTZO30-N(NTSC):
Schlage IP Outdoor PTZ, 30 x Zoom, 1/4" Sony Super HAD CCD, 4CIF realtime, H.264/MJPEG compression, 24VAC

SCIPPTZO36-P(PAL)/ SCIPPTZO36-N(NTSC):
Schlage IP Outdoor PTZ, 36 x Zoom, 1/4" Sony Super HAD CCD, 4CIF realtime, H.264/MJPEG compression, 24VAC

SCIPPTZE22-P(PAL)/ SCIPPTZE22-N(NTSC):
Schlage IP Indoor ceiling mount PTZ, 22 x Zoom, 1/4" Sony Super HAD CCD, 4CIF realtime, H.264/MJPEG compression, 24VAC

SCIPPTZE23-P(PAL)/ SCIPPTZE23-N(NTSC):
Schlage IP Indoor ceiling mount PTZ, 23 x Zoom, 1/4" Sony Super HAD CCD, 4CIF realtime, H.264/MJPEG compression, 24VAC

SCIPPTZE30-P(PAL)/ SCIPPTZE30-N(NTSC):
Schlage IP Indoor ceiling mount PTZ, 30 x Zoom, 1/4" Sony Super HAD CCD, 4CIF realtime,H.264/MJPEG compression, 24VAC

SCIPPTZE36-P(PAL)/ SCIPPTZE36-N(NTSC):
Schlage IP Indoor ceiling mount PTZ, 36 x Zoom, 1/4" Sony Super HAD CCD, 4CIF realtime, H.264 compression, 24VAC

* SCIPPTZO 22/23/30/36 requires bracket for installation. Please place order separately.

Outdoor   Ø 1½   299.2   Ø 145.6

Indoor   183.4   247   Ø 145.7   Ø 220

4-Ø 4.2   57   83.5

Indoor ceiling mount   Ø245   240   108.6   Ø145.6

Bore Size   Ø224 ±2   Unit: mm
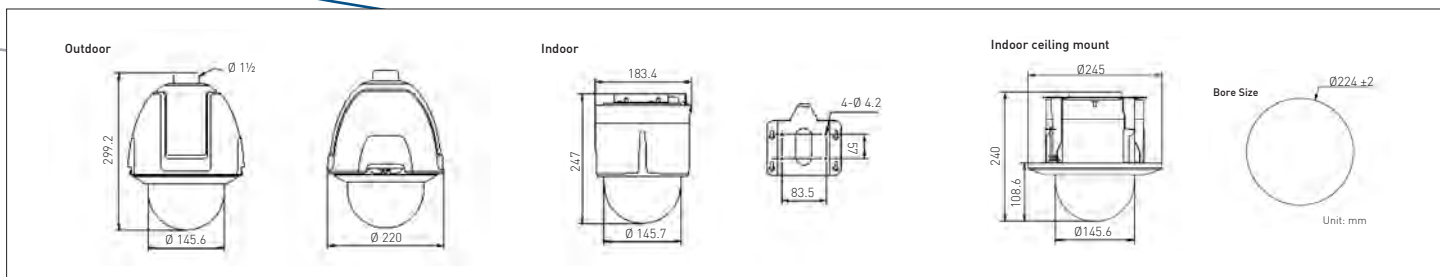
TECHNICAL SPECIFICATIONS

Model		SCIPPTZO22-P/SCIPPTZO22-N (Outdoor) SCIPPTZI22-P/SCIPPTZI22-N (Indoor) SCIPPTZE22-P/SCIPPTZE22-N (In-ceiling)	SCIPPTZO23-P/SCIPPTZO23-N (Outdoor) SCIPPTZI23-P/SCIPPTZI23-N (Indoor) SCIPPTZE23-P/SCIPPTZE23-N (In-ceiling)	SCIPPTZO30-P/SCIPPTZO30-N (Outdoor) SCIPPTZI30-P/SCIPPTZI30-N (Indoor) SCIPPTZE30-P/SCIPPTZE30-N (In-ceiling)	SCIPPTZO36-P/ SCIPPTZO36-N (Outdoor) SCIPPTZI36-P/ SCIPPTZI36-N (Indoor) SCIPPTZE36-P/SCIPPTZE36-N (In-ceiling)
Parameter		5 Inch Network High Speed Dome			
Camera	Image Sensor	1/4'' Sony Super HAD CCD			
	Effective Pixel	PAL:752(H)×582(V), NTSC:768(H)×494(V) (4CIF realtime)			
	Horizontal Resolution	540 TVL	Color: 540 TVL, B/W: 570 TVL		
	Signal System	PAL/NTSC			
	Min. Illumination	0.1Lux/F1.6	Color: 0.2Lux/F1.6, B/W:0.02Lux/F1.6	Color: 0.2Lux/F1.4, B/W:0.02Lux/F1.4	Color: 0.2Lux/F1.6, B/W:0.02Lux/F1.6
	White Balance	Auto / Manual / ATW / Indoor / Outdoor			
	AGC	Auto / Manual			
	S / N Ratio	More than 50dB			
	BLC	On / Off			
	Shutter Time	PAL:1/50-1/10,000s, NTSC:1/60-1/10,000s		PAL:1-1/10,000s, NTSC:1-1/10,000s	
	Day & Night	Electronic	IR Cut Filter		
	Digital Zoom	16x			
	Focus Model	Auto / Semiautomatic / Manual			
Lens	Focal Length	3.9-85.8 mm, 22X	3.84-88.4 mm, 23X	3.5-105 mm, 30X	3.4-122.4 mm, 36X
	Zoom Speed	Approx.4.3s(Optical Wide-Tele)	Approx.5.1s(Optical Wide-Tele)	Approx.5.4s(Optical Wide-Tele)	
	Angle of View	58.0-2.22degree (Wide-Tele)	52.2-2.36degree(Wide-Tele)	56.4-2.0degree(Wide-Tele)	57.8-1.7degree (Wide-Tele)
	Min. Working Distance	10-1,000 mm(Wide-Tele)	10-1,200 mm(Wide-Tele)	10-1,000 mm(Wide-Tele)	
	Aperture Range	F1.6 - F3.7	F1.6 - F4.5	F1.4 - F3.7	F1.6 - F4.5
Pan and Tilt	Pan Range	360°endless			
	Pan Speed	Pan Manual Speed: 0.1° -300°/s, Pan Preset Speed: 540°/s			
	Tilt Range	-5°-90°(Auto Flip)		-5°-185°(Auto Mirror)	
	Tilt Speed	Tilt Manual Speed: 0.1°-240°/s,, Tilt Preset Speed: 400°/s			
	Proportional Zoom	Rotation speed can be adjusted automatically according to zoom multiples			
	Number of Preset	256			
	Patrol	8 patrols, up to 32 presets per patrol			
	Pattern	4 patterns, with the recording time not less than 10 min per pattern			
	Power-off Memory	Support			
	Park Action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan			
	PTZ Position Display	On / Off			
	Freeze Frame	—	Support		
Alarm	Alarm Input	7			
	Alarm Output	2 relay outputs, alarm response actions configurable			
	Alarm Actions	Preset, Patrol, Pattern, SD card recording, Relay output, Notification on Client			
Input/ Output	Monitor Output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC			
	Audio Input	Audio input (LINE input), 2-2.4V[p-p]; output impedance: 1KΩ, ±10%			
	Audio Output	Line level, impendance: 600Ω			
Network	Ethernet	10Base-T / 100Base-TX, RJ45 connector			
	Max.Image Resolution	PAL:704×576, NTSC:704×480			
	Frame Rate	PAL :25 fps (704×576), NTSC: 30 fps (704×480)			
	Image Compression	H.264 / MJPEG			
	Audio Compression	G.711 / 16kbps			
	Audio Mode	Off / Audio input / Audio output			
	Protocols	TCP/IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE			
	No. of Simultaneous Users	Up to 6 users			
	Dual Streams	Support			
	Mini SD Memory Card	Manual REC / Alarm REC., Built-in SD/SDHC Slot,up to 32GB			
	User/Host Level	3 Levels: Administrator, Camera control, Live view only			
	Security Measures	User authentication (ID and PW), Host authentication (MAC address)			
Client GUI	Camera Control	Pan / Tilt, Zoom, Focus, Click centering, Drag zoom, Iris, Preset position call and program, Auto mode.			
	OSD	Up to 18 characters			
	Date & Time Display	Time: Week: Date, 6 formats on the Client			
	Reading Patrol Message	Display and reading of preset message contained in each patrol via client software			
General	Menu Language	English, Chinese			
	RS-485 Protocols	Pelco-P, Pelco-D, self-adaptive			
	Power Supply	24VAC			
	Power Consumption	15W max			
	Working Temperature / Humidity	-30°C-65°C(-22°F-149°F)(outdoor dome) / -10°C-50°C(14°F-122°F)(indoor dome) / 90% or less			
	Protection Level	IP66 standard (outdoor dome), TVS 3,000V lightning protection, surge protection and voltage transient protection			
	Mounting	Various mounting modes optional			
	Dimension	220×299.2 mm (8.66¨×11.78¨)(Outdoor), 183.4×247 mm(7.22¨×9.72¨) (Indoor), 245×240 mm(9.65¨×9.45¨) (In-ceiling)			
	Weight (approx.)	5kg (11.02lbs)			

Specifications subject to change without notice.

Ingersoll Rand
Security Technologies

Network Cameras
High-Performance
IP Network Infra Red Cameras

Overview

Schlage by Ingersoll Rand Security Technologies is a global leader in providing products and solutions that make our environments safer, more secure and more productive. Ingersoll Rand Security Technologies offers a comprehensive and innovative range of CCTV solutions which are used across many different industries such as corrections, transportation and commercial facilities.

Our next generation High-Performance IP Network Infra Red camera range features a choice of 20m or 60m IR range. The Schlage SCIPIRB camera options include H.264 compression, ONVIF compliant and IP66 weather proof rating.

APPLICATION

The product is ideal for car parks, commercial buildings and underground environments.

FEATURES & BENEFITS

- H.264 video compression with high compression ratio
- High performance SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Supports dual streams, and the sub stream used for mobile phone surveillance
- Two-way audio
- Complete function: RS485 control and alarm
- Weather proof rating: IP66

ORDERING INFORMATION

SCIPIRBSR-P(PAL)/SCIPIRBSR-N(NTSC):
Schlage IP Infra-Red Bullet camera with 540 TVL CCD, 20 M IR range, 6 mm @ F1.8, H.264 compression, 12 VDC

SCIPIRBLR-P(PAL)/SCIPIRBLR-N(NTSC):
Schlage IP Infra-Red Bullet camera with 540 TVL CCD, 60 M IR range, 16 mm @ F1.8, H.264 compression, 12 VDC
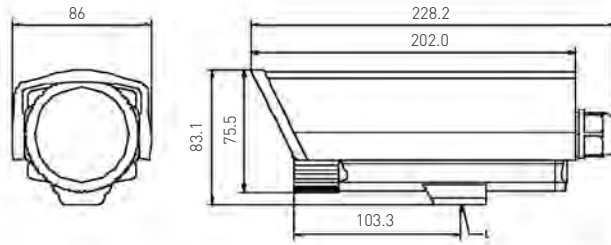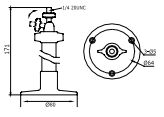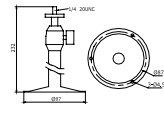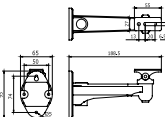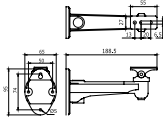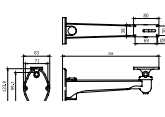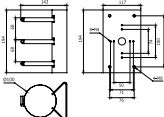
TECHNICAL SPECIFICATIONS

Model	SCIPIRBSR-P/ SCIPIRBSR-N	SCIPIRBLR-P/SCIPIRBLR-N	
Parameter		540 TVL CCD Infrared Weather-proof Network Camera	
Camera	Image Sensor	1/3¨ SONY CCD	
	Signal System	PAL/NTSC	
	Min. Illumination	0.1Lux @(F1.2,AGC ON),0 Lux with IR 0.2Lux @(F1.8,AGC ON),0 Lux with IR	
	Shutter Time	1/50 (1/60) s to 1/100,000 s	
	Lens	6 mm @ F1.8	16 mm @ F1.8
	Lens Mount	M12	
	Day & Night	Electronic	
	Horizontal Resolution	540 TVL	
Compression Standard	Video Compression	H.264	
	Bit Rate	32 Kbps - 8 Mbps	
	Audio Compression	OggVorbis	
	Dual Stream	Yes	
Image	Max. Image Resolution	PAL: 704 × 576 NTSC: 704 × 480	(4CIF realtime)
	Frame Rate	50 HZ: 25 fps (704 × 576) 60 HZ: 30 fps (704 × 480)	
	Image Setting	Saturation, Brightness, Contrast adjustable through client software or web browser	
Network	Alarm Trigger	Motion detection	
	Protocols	TCP/IP, HTTP, DHCP, DNS, RTP/RTSP, PPPoE	
	Security	Password protection, Watermark	
Interface	Audio Input	1-ch, 3.5 mm audio interface (2.0 - 2.4 Vp-p, 1 kΩ)	
	Audio Output	1-ch, 3.5 mm audio interface (Line level, 600 Ω)	
	Communication Interface	1 RJ45 10 M/100 M Ethernet port and 1 RS-485 interface	
	Alarm Input	1	
	Alarm Output	1	
	Video Output	1Vp-p composite output (75 Ω/BNC)	
General	Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)	
	Power Supply	12 V DC ± 10%	
	Power Consumption	Max. 5.5 W	Max. 9 W
	Weather Proof Rating	IP66	
	IR Range	within 20 m	within 60 m
	Dimension	86.5 × 83.1 × 228.4 mm (3.41¨ × 3.27¨ × 8.99¨)	
	Weight	1.4kg (3.09 lbs)	
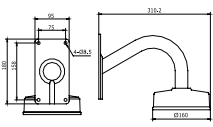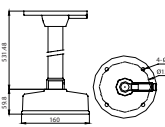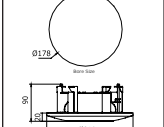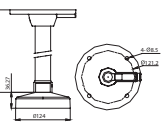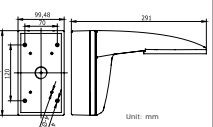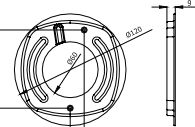
Specifications subject to change without notice.
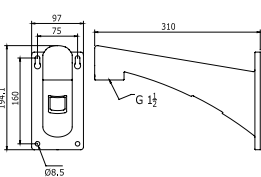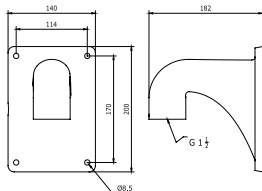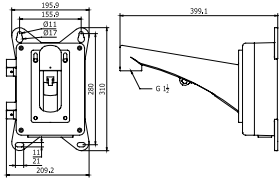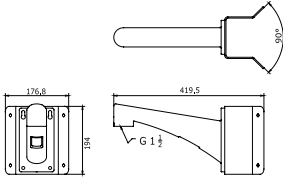
Brackets For
IP Network Cameras

Brackets for Box Cameras & Infra-red Bullet Cameras

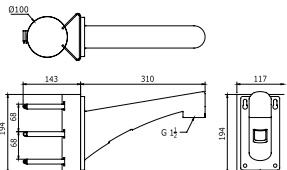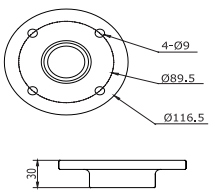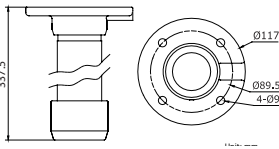| Model	SBIPPE0201-W (White)	SBIPD0201-B (Black)	SBIPPE0202-S (Silver)	SBIPW0201-W (White)	SBIPW0201-S (Silver)	SBIPW0202-W (White)	SBIPPOA0201-W (White)
	Pendant mount	Desktop mount	Pendant mount	Indoor wall mount	Indoor wall mount	Indoor/Outdoor wall mount	Pole mount adapter
Feature	Suitable for IP box camera (SCIPB1 2 3 5MP-P/N)	Suitable for IP box camera (SCIPB1 2 3 5MP-P/N)	Suitable for IP IR bullet camera (SCIPBSR LR-P/N)	Suitable for IP box camera (SCIPB1 2 3 5MPP/N)	Suitable for IP IR bullet camera (SCIPBSR LR-P/N)	Suitable for IP box camera (SCIPB1 2 3 5MP-P/N)	Suitable for SBIPW0201-W/S, SBIPW0202-W bracket
Construction	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Weight	200g(0.44 lbs)	110g(0.24lbs)	150g(0.33 lbs)	360 g (0.79 lbs)	360 g (0.79 lbs)	765 g (1.68 lbs)	1205g(2.66lbs)
Dimension	35 × 69 × 200 mm (1.38'' × 2.72'' × 7.87'')	Height 18.6 mm MAX (7.32'')	Ø97 × 232 mm (Ø3.82'' × 9.13'')	65 × 95 × 188.5 mm (2.56'' × 3.74'' × 7.40'')	65 × 95 × 188.5 mm (2.56'' × 3.74'' × 7.40'')	83 × 123.9 × 304 mm (3.27'' × 4.88'' × 11.97'')	194 × 117 × 100 mm (7.64'' × 4.61'' × 3.94'')

Brackets for Dome Cameras

Model	SBIPW0301-W (White)	SBIPPE0301-W (White)	SBIPCE0301-W (White)	SBIPPE0302-W (White)	SBIPW0302-W (White)	SBIPCE0302-W (White)
	Vandal-proof wall mount	Vandal-proof pendant mount	Indoor in-ceiling mount	Pendant mount	Wall mount	Electric-box mount, ceiling/wall mount
Feature	Suitable for vandalproof dome camera (SCIPVD1MP-P/N and SCIPVD2MP-P/N)	Suitable for vandalproof dome camera (SCIPVD1MP-P/N and SCIPVD2MP-P/N)	Suitable for IP Dome camera (SCIPD1 2 3 5MP-P/N)	Suitable for IP Dome camera (SCIPD1 2 3 5MP-P/N)	Suitable for IP Dome camera (SCIPD1 2 3 5MP-P/N)	Suitable for Mini Dome camera (SCIPmVD2MP-P/N)
Construction	Aluminum alloy	Aluminum alloy	Sheet Metal and ABS	Aluminum alloy	Aluminum alloy	ABS plastic
Weight	1395g(3.08lbs)	2000g(4.41 lbs)	540g(1.19lbs)	1360g(3.00 lbs)	1060g(2.34 lbs)	25g(0.06 lbs)
Dimension	95 × 180 × 310.2 mm (3.86'' × 7.09'' × 12.21'')	Ø160 × 500 mm (Ø6.30'' × 19.69'')	Ø210.0 × 84.5 mm (Ø8.27'' × 3.33'')	Ø124 × 500 mm (Ø4.88'' × 19.69'')	100 × 182 × 291 mm (3.94'' × 7.17'' × 11.5'')	Ø120 × 9 mm (Ø4.72'' × 0.35'')

Brackets for Outdoor Speed Dome Cameras

Model	SBIPW0101-W (White)	SBIPW0102-W (White)	SBIPW0103-W (White)	SBIPCO0101-W (White)
	Indoor/ outdoor long-arm wall mounting	Indoor short-arm wall mount	Power box mount, indoor/outdoor wall mount	Corner mount
Feature	Suitable for SCIPPTZO22 23 30 36-P/N	Suitable for SCIPPTZO22 23 30 36-P/N	Suitable for SCIPPTZO22 23 30 36-P/N	Suitable for SCIPPTZO22 23 30 36-P/N
Construction	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Weight	1,070 g (2.36 lbs)	1,015 g (2.24 lbs)	3770g(8.31lbs)	2,675 g (5.9 lbs)
Dimension	97 × 194.1 × 310 mm (3.82" × 7.64'' × 12.20")	140 × 200 × 182 mm (5.51" × 7.87'' × 7.17")	209.2 × 310 × 399.1 mm (8.24" × 12.20'' × 15.71")	176.8 × 194 × 419.5 mm (6.96" × 7.64" × 16.52'')

Model	SBIPPO0101-W (White)	SBIPCE0101-W (White)	SBIPPE0101-W (White)
	Pole mount	Ceiling mount	Pendant mount
Feature	Suitable for SCIPPTZO22 23 30 36-P/N	Suitable for SCIPPTZO22 23 30 36-P/N	Suitable for SCIPPTZO22 23 30 36-P/N
Construction	Aluminum alloy	Aluminum alloy	Aluminum alloy
Weight	2,000 g (4.41 lbs)	550 g (1.21 lbs)	1100 g (2.42 lbs)
Dimension	356 × 117 × 201 mm (14.02"" × 4.61"" × 7.91'')	Ø116.5 × 30 mm (Ø4.59" × 1.18')	Ø116.5 × 337.5mm (Ø4.59'' × 13.29'')

High Resolution
Analog Cameras

Sony CCD and Sony Effio DSP solution

High resolution with above 600TVL

OSD and Dual power supported

Analogue Cameras
High-Resolution Box Cameras

Overview

Schlage by Ingersoll Rand Security Technologies is a global leader in state of the art security solutions for the global security market. Schlage provides a comprehensive range of CCTV solutions which can be used across different industries such as correctional and defence facilities, transportation facilities, commercial facilities, industrial facilities and healthcare facilities.

Our range of box cameras combines Schlage and Sony innovation and quality, to provide a crisp and clear message with above 600 TVL resolution.

FEATURES & BENEFITS

SCBCN0-P/N

- 1/3" Sony Super HAD II CCD and Sony Effio DSP
- High resolution 600TVL
- OSD
- Dual power supported
- Software day and night function
- Privacy masking

SCBDNN0-P/N

- 1/3" Sony ExView HAD II CCD and Sony Effio DSP
- High resolution 650TVL colour and 700TVL black and white
- OSD

- Dual power supported
- True day and night function with ICR
- Privacy masking

SCBWN0-P/N

- Pixim "Seawolf" 1/3"
- High resolution 690TVL
- Super wide dynamic range
- OSD
- Dual power supported
- True day and night function with ICR
- Privacy masking
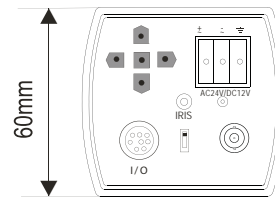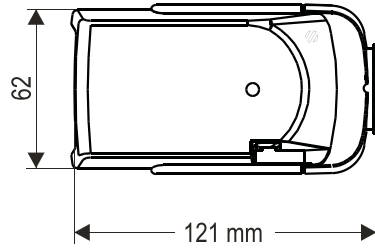
ORDERING INFORMATION

SCBCN0-P(PAL)/SCBCN0-N(NTSC):
Schlage Box Camera, Soft D/N 600 TVL, Dual power supported, 12vDC/24vAC

SCBDNN0-P(PAL)/SCBDNN0-N(NTSC):
Schlage Box Camera, True D/N 650 TVL, Dual power supported, 12vDC/24vAC

SCBWN0-P(PAL)/SCBWN0-N(NTSC):
Schlage Box Camera, WDR, 690 TVL, Dual power supported, 12vDC/24vAC

TECHNICAL SPECIFICATIONS

	Model	SCBCN0-P/SCBCN0-N	SCBDNN0-P/SCBDNN0-N	SCBWN0-P/SCBWN0-N
Video	Image Sensor	1/3'' Sony Super HAD II CCD	1/3'' Sony ExView HAD II CCD	1/3'' Pixim DPS (Seawolf)
	Effective Pixels	752(H) x 582(V).PAL	976(H) x 582(V).PAL	Total: 768(H) x 548(V).PAL
		768(H) x 494(V).NTSC	976(H) x 494(V).NTSC	Active: 758(H) x 540(V).NTSC
	H.Resolution	600 TV Lines	650 TV Lines(Color) / 700TV Lines (B/W)	690 TV Lines
	Min. Illumination	0.08Lux / F1.2	0.003Lux / F1.2	0.1Lux / F1.2, 0.012Lux /F1.2 (Slow Shutter)
	Video output	1.0Vp-p Composite. 75 Ohms	1.0Vp-p Composite. 75 Ohms	1.0Vp-p Composite. 75 Ohms
	S/N ratio	More than 52dB	More than 52 dB	50 dB
Function	Day & Night	Software DN	True DN with ICR	True DN with ICR
	OSD Control	Yes	Yes	Yes
	Sense UP/Slow Shutter	N/A	N/A	Yes
	Privacy Masking	Yes	Yes	Yes
	Digital Noise Reduction	Yes	Yes	Yes, 3D
	Motion Detection	Yes	Yes	Yes
	Digital Zoom	N/A	N/A	Yes
	AGC	Yes		
	BLC	Yes		
	Auto Iris	Yes		
	HLC	Yes		N/A
	WDR	Digital WDR		True WDR
	WDR Range	N/A		Dynamic range 102dB typical 120dB Max
	Sync System	INT /Line lock	INT /Line lock	INT /Line lock
	Shutter Speed	PAL: 1/50 ~ 1/100,000 sec	PAL: 1/50 ~ 1/100,000 sec	PAL: 1/50 ~ 1/100,000 sec
		NTSC: 1/60 ~ 1/100,000 sec	NTSC: 1/60 ~ 1/100,000 sec	NTSC: 1/60 ~ 1/100,000 sec
	White Balance	ATW/Push/User1/User2/Anti-CR/Push lock	ATW/Push/User1/User2/Anti-CR/Push lock	ATW/AWB
General	Power source	DC12V / AC 24V	DC12V / AC 24V	DC12V / AC 24V
	Operating current	150mA	150mA (250mA IR LED ON)	120mA
	Power Consumption	3W(Max)	3W(Max)	3W(Max)
	Operating Temperature	(-10° C ~ + 50° C) RH 95% Max	(-10° C ~ + 50° C) RH 95% Max	(-10° C~ + 50° C) RH 95% Max
	Product Weight	550g		
	Product Box Size	133 x 71 x 64 mm (WxDxH)		
	Carton Box Quantity	30pcs		
	Carton Box Size	59 x 36 x 32 cm (WxDxH)		
	Carton Box Weight	19kg		

Specifications subject to change without notice.

Ingersoll Rand
Security Technologies

Analogue Cameras
High-Performance Dome Cameras

Overview

Schlage by Ingersoll Rand Security Technologies is a global leader in state of the art security solutions for the global security market. Schlage provides a comprehensive range of CCTV solutions which can be used across different industries such as correctional and defence facilities, transportation facilities, commercial facilities, industrial facilities and healthcare facilities.

Our range of high-performance dome cameras combines Sony and Schlage innovation and quality to provide a crisp and clear image.

SCDDNVF310-P/N   SCDVF310-P   SCDCFF2-P
SCDWVF310-P/N

FEATURES & BENEFITS

SCDDNVF310-P/N
- 1/3"Sony ExView CCD and Sony Effio DSP
- High resolution 650TVL
- True day and night function with ICR
- OSD
- 3 axis
- Dual power supported
- Privacy masking

SCDWVF310-P/N
- 1/3'' Pixim DPS (Seawolf)
- High resolution 690TVL
- True day and night function with ICR
- OSD
- 3 axis
- Dual power supported

- Privacy masking

SCDVF310-P/N
- 1/3"Sony HAD II CCD andSony Effio DSP
- High resolution 600TVL
- OSD
- 3 axis
- Software day and night function
- Privacy masking

SCDCFF2-P/N
- 1/3"Sony HAD II CCD and Sony Effio DSP
- High resolution 600TVL
- 2.8 mm lens
- OSD
- 3 axis
- Software day and night function
- Privacy masking

ORDERING INFORMATION

SCDDNVF310-P(PAL)/ SCDDNVF310-N(NTSC)
Schlage Plastic Dome Camera, True D/N 650 TVL, 2.8 – 10 mm, Dual power supported, 12vDC/24vAC
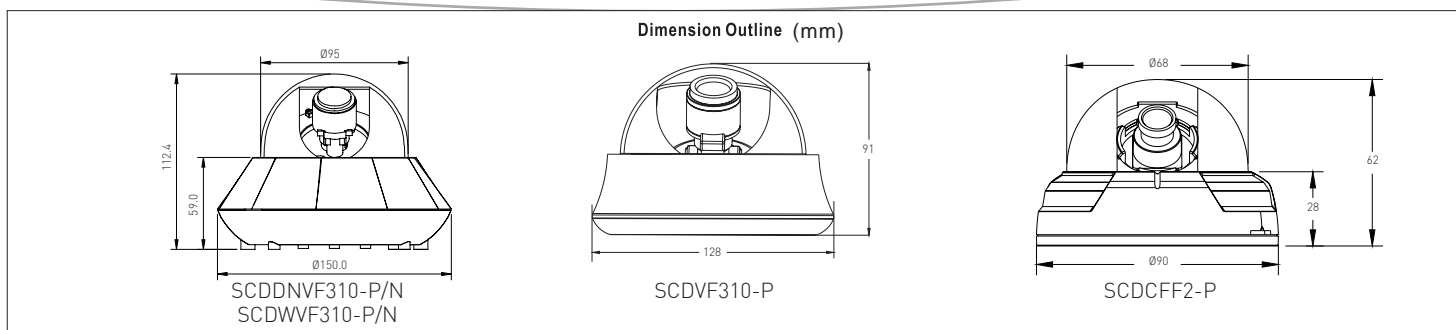
SCDWVF310-P(PAL)/ SCDWVF310-N(NTSC)
Schlage Plastic Dome Camera, True WDR, 690 TVL, 2.8 – 10 mm, Dual power supported, 12vDC/24vAC

SCDVF310-P/N
Schlage Plastic Dome Camera, Soft D/N, 600TVL, 2.8 – 10 mm, 12vDC

SCDCFF2-P/N
Schlage Plastic Dome Camera, Soft D/N, 600TVL, 2.8 mm, 12vDC

Dimension Outline (mm)

SCDDNVF310-P/N
SCDWVF310-P/N

SCDVF310-P

SCDCFF2-P

TECHNICAL SPECIFICATIONS

	Model	SCDDNVF310-P/ SCDDNVF310-N	SCDWVF310-P / SCDWVF310-N	SCDVF310-P/ SCDVF310-N	SCDCFF2-P/ SCDCFF2-N
Video	Image Sensor	1/3'' Sony ExView HAD II CCD	1/3'' Pixim DPS (Seawolf)	1/3'' Sony Super HAD II CCD	
	Effective Pixels	976(H) x 582(V) PAL	Total: 768(H) x 548(V)	PAL:752(H)×582(V)	
		976(H) x 494(V) NTSC	Active: 758(H) x 540(V)	NTSC:768(H)×494(V)	
	H.Resolution	650 TV Lines(Color) / 700TV Lines (B/W)	690 TV Lines	600TV Lines	
	Min. Illumination	0.003Lux / F1.2	0.1Lux / F1.2, 0.012Lux /F1.2 (Slow Shutter)	0.03Lux / F1.2	
	Video output	1.0Vp-p Composite. 75 Ohms	1.0Vp-p Composite. 75 Ohms	1.0Vp-p Composite. 75 Ohms	
	S/N ratio	More than 52dB	50dB	More than 52dB	
Function	Day & Night	TDN With ICR	TDN with ICR	Software DN	
	OSD Control	Yes	Yes	Yes	
	Sense UP/Slow Shutter	N/A	Yes	N/A	
	Privacy Masking	Yes	Yes	Yes	
	Digital Noise Reduction	Yes	Yes, 3D	Yes	
	Motion Detection	Yes	Yes	Yes	
	Digital Zoom	N/A	Yes	N/A	
	AGC	Yes			
	BLC	Yes			
	HLC	Yes	N/A	Yes	
	WDR	Digital WDR	True WDR	Digital WDR	
	WDR Range	N/A	Dynamic range 102dB typical 120dB Max	N/A	N/A
	Sync System	INT /Line lock	INT /Line lock	INT	
	Shutter Speed	PAL: 1/50 ~ 1/100,000 sec	1/50 ~ 1/100,000sec(PAL)	1/50 ~ 1/100,000sec(PAL)	
		NTSC: 1/60 ~ 1/100,000 sec	1/60 ~ 1/100,000sec(NTSC)	1/60 ~ 1/100,000sec(NTSC)	
	White Balance	ATW/Push/User1/User2/Anti-CR/ Push lock	ATW/AWB	ATW/Push/User1/User2/Anti-CR/Push lock	
General	Power source	DC12V / AC 24V	DC12V / AC 24V	DC12V	
	Power Consumption	3W(Max)	3W(Max)	1.5W (MAX)	
	Lens	Vari focal 2.8-10 mm lens	Vari focal 2.8-10 mm lens	Vari focal 2.8-10 mm lens	2.8 mm lens
	Operating Temperature	(-10° C~ + 50° C) RH 95% Max	(-10° C~ + 50° C) RH 95% Max	(-10° C~ + 50° C) RH 95% Max	
	Product Weight	1300g	1300g	300g	250g
	Product Box Size	150 x 127 mm (DxH)	150 x 127 mm (DxH)	128X 91 mm (DxH)	90X 62 mm (DxH)
	Carton Box Quantity	12pcs	12pcs	36pcs	40pcs
	Carton Box Size	54 x 37 x 32 cm (WxDxH)	54 x 37 x 32 cm (WxDxH)	62x39x49(LxWxH cm)	52x23x39(LxWxH cm)
	Carton Box Weight	19kg	19kg	17kg	10kg

Specifications subject to change without notice.

Ingersoll Rand
Security Technologies

Analogue Cameras
High-Performance Vandal-Proof Dome Cameras

Overview

Schlage by Ingersoll Rand Security Technologies is a global leader in state of the art security solutions for the global security market. Schlage provides a comprehensive range of CCTV solutions which can be used across different industries such as correctional and defence facilities, transportation facilities, commercial facilities, industrial facilities and healthcare facilities.

Our range of high-performance Vandal-Proof dome cameras combines Sony and Schlage innovation and quality to provide a crisp and clear image. This range is perfect for outdoor applications.

Vandal Proof Dome

FEATURES & BENEFITS

SCVDDNVF310-P/N
- 1/3"Sony ExView CCD and Sony Effio DSP
- Vandal proof housing
- High resolution 650TVL
- True day and night function with ICR
- OSD
- 3 axis
- Dual power supported
- Privacy masking

SCVDW/IRVF310-P/N
- 1/3'' Pixim DPS (Seawolf)
- Vandal proof housing
- High resolution 690TVL
- True day and night function with ICR

- OSD
- 3 axis
- Dual power supported
- Privacy masking

SCVDWVF311-P/N
- 1/3" Sony Super HAD II CCD and HAWK DSP
- Vandal proof housing
- High resolution 550TVL
- True day and night function with ICR
- Advanced OSD
- 3 axis
- Dual power supported
- Privacy masking

ORDERING INFORMATION

SCVDDNVF310-P(PAL)/ SCVDDNVF310-N(NTSC)
Schlage Vandal Proof Dome Camera, True D/N, 650 TVL, 2.8 – 10 mm, Dual power supported, 12vDC/24vAC
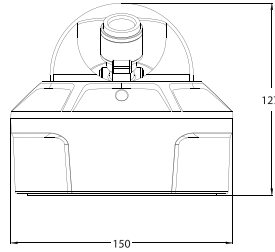
SCVDWVF310-P(PAL)/ SCVDWVF310-N(NTSC)
Schlage Vandal Proof Dome Camera, True WDR, 690 TVL, 2.8 – 10 mm, Dual power supported, 12vDC/24vAC

SCVDWVF311-P(PAL)/ SCVDWVF311-N(NTSC)
Schlage Vandal Proof Dome Camera, Soft WDR, 550 TVL, 2.8 – 10 mm, Dual power supported, 12vDC/24vAC

SCVDIRVF310-P(PAL)/ SCVDIRVF310-N(NTSC)
Schlage Infra-red Vandal Proof Dome Camera, True WDR, IR, 690 TVL, 2.8 – 10 mm, Dual power supported, 12vDC/24vAC

Vandal Proof Dome

TECHNICAL SPECIFICATIONS

	Model	SCVDDNVF310-P / SCVDDNVF310-N	SCVDWVF310-P / SCVDWVF310-N	SCVDIRVF310-P / SCVDIRVF310-N	SCVDWVF311-P / SCVDWVF311-N
Video	Image Sensor	1/3'' Sony ExView HAD II CCD	1/3'' Pixim DPS (Seawolf)		1/3'' Super HAD II CCD
	Effective Pixels	976(H) x 582(V) PAL	Total: 768(H) x 548(V)		PAL:752(H) x 582(V)
		976(H) x 494(V) NTSC	Active: 758(H) x 540(V)		NTSC:768(H) x 494(V)
	H.Resolution	650 TV Lines(Color) / 700TV Lines (B/W)	690 TV Lines		550TV Lines
	Min. Illumination	0.003Lux / F1.2	0.1Lux / F1.2, 0.012Lux /F1.2 (Slow Shutter)	0.1Lux/F1.2, 0Lux IR On	0.00001Lux F1.2(Sens-Up *258), 0.008Lux/F1.2
	Video output	1.0Vp-p Composite. 75 Ohms	1.0Vp-p Composite. 75 Ohms		1.0Vp-p Composite. 75 Ohms
	S/N ratio	More than 52dB	50dB		More than 52dB
Function	Day & Night	TDN With ICR	TDN with ICR	Yes With IR LED	TDN with ICR
	OSD Control	Yes	Yes		Yes
	IR LED	N/A	N/A	21pcs	N/A
	IR Distance	N/A	N/A	25 m	N/A
	Sense UP/Slow Shutter	N/A	Yes		Yes
	Privacy Masking	Yes	Yes		Yes
	Digital Noise Reduction	Yes	Yes, 3D		Yes
	Motion Detection	Yes	Yes		Yes
	Digital Zoom	N/A	Yes		N/A
	AGC	Yes			
	BLC	Yes			
	HLC	Yes	N/A		Yes
	WDR	Digital WDR	True WDR		Digital WDR
	WDR Range	N/A	Dynamic range 102dB typical 120dB Max		N/A
	Sync System	INT /Line lock	INT /Line lock		INT /Line lock
	Shutter Speed	PAL: 1/50 ~ 1/100,000 sec	1/50 ~ 1/100,000sec(PAL)		1/50 ~ 1/100,000sec(PAL)
		NTSC: 1/60 ~ 1/100,000 sec	1/60 ~ 1/100,000sec(NTSC)		1/60 ~ 1/100,000sec(NTSC)
	White Balance	ATW/Push/User1/User2/Anti-CR/Push lock	ATW/AWB		ATW/ AWB/ INDOOR/ OUTDOOR/ MANUAL/ AWC
General	Power source	DC12V / AC 24V	DC12V / AC 24V		DC12V / AC 24V
	Power Consumption	3W(Max)	3W(Max)	4W (Max)	3W(Max)
	Lens	Vari focal 2.8-10 mm lens	Vari focal 2.8-10 mm lens		Vari focal 2.8-10 mm lens
	Operating Temperature	(-10° C~ + 50° C) RH 95% Max	(-10° C~ + 50° C) RH 95% Max		(-10° C~ + 50° C) RH 95% Max
	Product Weight	1300g	1300g		1300g
	Product Box Size	150 x 127 mm (DxH)	150 x 127 mm (DxH)		150 x 127 mm (DxH)
	Carton Box Quantity	12pcs	12pcs		12pcs
	Carton Box Size	54 x 37 x 32 cm (WxDxH)	54 x 37 x 32 cm (WxDxH)		54 x 37 x 32 cm (WxDxH)
	Carton Box Weight	19kg	19kg		19kg

Specifications subject to change without notice.

Ingersoll Rand
Security Technologies

Analogue Cameras
High-Performance Speed Dome Cameras

Overview

Schlage by Ingersoll Rand Security Technologies is a global leader in state of the art security solutions for the global security market. Schlage provides a comprehensive range of CCTV solutions which can be used across different industries such as correctional and defence facilities, transportation facilities, commercial facilities, industrial facilities and healthcare facilities.

Our range of high-performance speed dome cameras combines Sony and Schlage innovation and quality to provide a crisp and clear image which can cover a wide area.

SCPTZ O/I 18/26/36-P/N   SCPTZM10-P/N

FEATURES & BENEFITS

SCPTZ O/I 18/26/36-P/N

- Sony EXView HAD CCD camera
- 18x, 26x or 36x optical zoom
- Digital image stabilisation
- Temperature display overlay
- 255 programmable presets
- True day and night function with ICR
- Privacy masking windows
- Endless pan and rotate
- Real-time clock overlay
- Slip ring design
- IP66 weather proof for outdoor models

SCPTZ M10 – P/N

- 1/4 ″ Interline Transfer CCD
- High resolution 500TVL
- 10x optical and 10x digital zoom
- 3.8-38mm focal length
- Privacy masking windows
- 360⁰ continuous rotation
- 180⁰ autoflip
- 128 presets
- True day and night function with ICR

ORDERING INFORMATION

SCPTZO18-P(PAL)/SCPTZO18-N(NTSC):
Schlage Outdoor PTZ, 18 x Optical Zoom, 1/4¨ Sony ExView HAD CCD, 480 TVL, 24VAC

SCPTZO26-P(PAL)/SCPTZO26-N(NTSC):
Schlage Outdoor PTZ, 26 x Optical Zoom, 1/4¨ Sony ExView HAD CCD, 480 TVL, 24VAC

SCPTZO36-P(PAL)/SCPTZO36-N(NTSC):
Schlage Outdoor PTZ, 36 x Optical Zoom, 1/4¨ Sony ExView HAD CCD, 540 TVL, 24VAC

SCPTZM10-P(PAL)/SCPTZM10-N(NTSC):
Schlage Indoor PTZ, 10 x Optical Zoom, 1/4¨ Sony Super HAD CCD, 500TVL (Color), 570TVL(B/W), 12VDC

SCPTZI18-P(PAL)/SCPTZI18-N(NTSC):
Schlage Indoor PTZ, 18 x Optical Zoom, 1/4¨ Sony ExView HAD CCD, 480 TVL, 24VAC

SCPTZI26-P(PAL)/SCPTZI26-N(NTSC):
Schlage Indoor PTZ, 26 x Optical Zoom, 1/4¨ Sony ExView HAD CCD, 480 TVL, 24VAC

SCPTZI36-P(PAL)/SCPTZI36-N(NTSC):
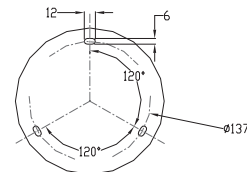Schlage Indoor PTZ, 36 x Optical Zoom, 1/4¨ Sony Super HAD CCD, 540 TVL, 24VAC

* Each speed dome camera comes with one standard bracket either wall mount or pendant mount bracket (Please specify when placing order). Please refer to camera accessories data sheet for other bracket options.
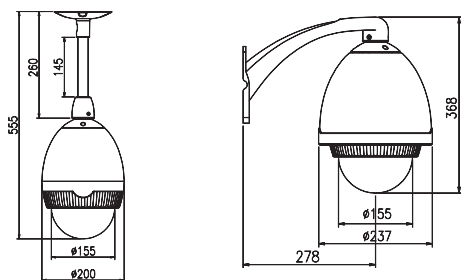
SCPTZ O/I 18/26/36-P/N
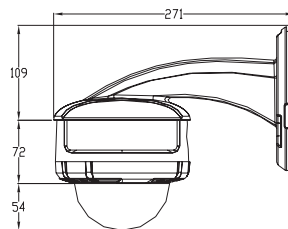
SCPTZM10-P/N

TECHNICAL SPECIFICATIONS

	Model	SCPTZO18-P/SCPTZO18-N (Outdoor) SCPTZI18-P/SCPTZI18-N (Indoor)	SCPTZO26-P/SCPTZO26-N (Outdoor) SCPTZI26-P/SCPTZI26-N (Indoor)	SCPTZO36-P/SCPTZO36-N (Outdoor) SCPTZI36-P/SCPTZI36-N (Indoor)	SCPTZM10-P/ SCPTZM10-N (Indoor)
Camera	Image Sensor	1/4'' Sony ExView HAD CCD			1/4'' Interline Transfer CCD
	Min. Illumination	0.01Lux			0.7Lux/F1.8, 0.02Lux/1.8(B/W)
	Effective Pixels	PAL: 752(H)X582(V).			
		NTSC: 768(H)X494(V).			
	H.Resolution	480TV Lines		540TV Lines	500TVL(Color), 570TVL(B/W)
	Focus Length	4.1-73.8 mm	3.9-91 mm	3.4-122.4 mm	3.8-38 mm
	Zoom Ratio	18x Optical zoom, with Auto Focus (12x digital zoom)	26x Optical zoom, with Auto Focus (12x digital zoom)	36x Optical zoom, with Auto Focus (12x digital zoom)	10x Optical zoom, with auto focus (10x digital zoom)
Function	Day/Night	Yes, with Removable IR-Cut Filter			
	AGC	Yes			
	BLC	Yes			
	Auto Iris	Yes			
	WDR	Digital WDR			
	Panning Angle	360° Continuous rotation			
	Tilt Angle	0°~90°			180° Auto Flip,95° Normal
	Privacy Masking Windows	Available			
	Preset	255 Positions			128 Positions
	Pattern	8 Patterns			4 Patterns
	Tour	8 Guard tours			8 Guard tours
	Auto Scan	8 Groups			8 Groups
	Resistance Fog Function	Yes			N/A
	Real Time Clock (OSD)	Available			N/A
	Inside Temperature Display	Available			N/A
	Rotation Speed	0.4°~270°/sec(Pan), 0.4°~160°/sec(Tilt)			0.5°~270°/sec(Pan), 1°~180°/sec(Tilt)
	Alarm input/output	7 input, 2 Relay Output			4 input (optional function)
General	Power supply	24V AC/2A			12VDC/1A
	Power Consumption	35W Outdoor/ 12W Indoor (Max)			15W (Max)
	Language	English/Chinese			English/Chinese
	Working Temperature	-10°C~+50°C/-40°C~+60°C (Heater/Fan option)			0-50°C
	Dimensions	237 mm x 368 mm			150 mm x 130 mm
	Diameter	155 mm			180 mm
	Weight	4.25kgs (Without Bracket)			1.3kgs

Specifications subject to change without notice.

Ingersoll Rand
Security Technologies

Analogue Cameras
High-Performance Infra-red Bullet Cameras

Overview

Schlage by Ingersoll Rand Security Technologies is a global leader in state of the art security solutions for the global security market. Schlage provides a comprehensive range of CCTV solutions which can be used across different industries such as correctional and defence facilities, transportation facilities, commercial facilities, industrial facilities and healthcare facilities.

Our range of infra-red bullet cameras combines Schlage innovation and quality, with high performance long, medium and short range surveillance under low ambient light and nighttime conditions. This range is suitable for both indoor and outdoor applications.

SCIRBLR922-P/N,
SCIRBMR310-P/N

SCIRBSR3-P/N

SCIRBSLR185-P/N

FEATURES & BENEFITS

**SCIRBLR922-P/N,
SCIRBMR310-P/N, SCIRBSR3-P/N**

- Sony Super HAD II CCD and Effio DSP
- 600TVL CCD
- Inbuilt infra-red LED
- IP66 weather proof
- Dual glass anti-glare

SCIRBSLR185-P/N

- Sony Super HAD II CCD and Effio DSP
- Original Japanese ADL lens 18-50 mm
- Giant LED
- Infra-red distance 100m
- IP 66 weather proof
- Dual glass anti-glare

ORDERING INFORMATION

SCIRBLR922-P(PAL)/SCIRBLR922-N(NTSC):
Schlage Infra-Red bullet camera with 600 TVL CCD, 50M IR range, 9-22 mm, DC12V

SCIRBMR310-P(PAL)/SCIRBMR310-N(NTSC):
Schlage Infra-Red bullet camera with 600 TVL CCD, 30M IR range, 2.8 – 10 mm, DC12V
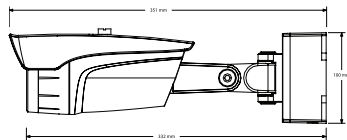
SCIRBSR3-P(PAL)/SCIRBSR3-N(NTSC):
Schlage Infra-Red bullet camera with 600 TVL CCD, 15M IR range, 3.6 mm, DC12V
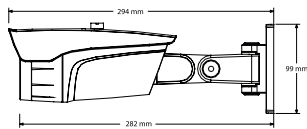
SCIRBSLR185-P(PAL)/SCIRBSLR185-N(NTSC):
Schlage Infra-Red bullet camera with 600 TVL CCD, 100M IR range, 18 - 50 mm, DC12V

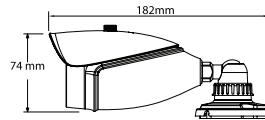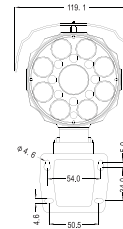* Each Infra-red bullet camera comes with one standard bracket.
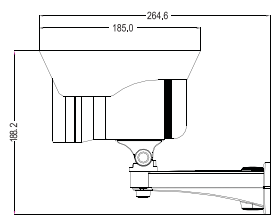
SCIRBLR922-P/N

SCIRBMR310-P/N

SCIRBSR3-P/N

SCIRBSLR185-P/N

TECHNICAL SPECIFICATIONS

	Model	SCIRBLR922-P/ SCIRBLR922-N	SCIRBMR310-P/ SCIRBMR310-N	SCIRBSR3-P/ SCIRBSR3-N	SCIRBSLR185-P/ SCIRBSLR185-N
Video	Image Sensor	1/3'' Sony Super HAD II CCD			1/3'' Sony Super HAD II CCD
	Effective Pixels	PAL : 752(H)X582(V).			PAL : 752(H)X582(V).
		NTSC: 768(H)X494(V).			NTSC: 768(H)X494(V).
	H.Resolution	600TV Lines			600TV Lines
	Video output	1.0Vp-p Composite. 75 Ohms			1.0Vp-p Composite. 75 Ohms
	S/N ratio	More than 52dB			More than 52dB
	Min. Illumination	0.1Lux / F1.2, 0Lux IR On			0.1 / F1.2, 0Lux IR On
Function	Day & Night	Yes IR LED + ICR		Yes IR LED	Yes IR LED + ICR
	IR LED	42Pcs	36Pcs	28Pcs	8pcs Ultra Power IR LED
	Distance	50 m	30 m	15 m	100 m
	OSD Control	Yes		N/A	Yes
	Sense UP/Slow Shutter	N/A			N/A
	Privacy Masking	Yes		N/A	Yes
	Digital Noise Reduction	Yes		Yes, Default On	Yes
	Motion Detection	Yes		N/A	Yes
	Digital Zoom	N/A		N/A	N/A
	AGC	Yes			
	BLC	Yes			
	HLC	Yes			
	WDR	Digital WDR		Digital WDR, Default On	Digital WDR
	Sync System	INT /Line lock		INT	INT /Line lock
	Shutter Speed	PAL : 1/50 ~1/100,000 sec			PAL : 1/50 ~1/100,000 sec
		NTSC: 1/60 ~ 1/100,000 sec			NTSC: 1/60 ~ 1/100,000 sec
	White Balance	ATW/Push/User1/User2/Anti-CR/Push lock			ATW/Push/User1/User2/Anti-CR/ Push lock
General	Power source	DC12V		DC12V	DC12V
	Power Consumption	6W (MAX)	5.5W (MAX)	5W (MAX)	15W (MAX)
	Lens	Vari focal 9-22 mm	Vari focal 2.8-10 mm	3.6 mm lens	18-50 mm ADL lens
	Operating Temperature	(-10°C~ + 50°C) RH 95% Max			(-10°C~ + 50°C) RH 95% Max
	Product Weight	900g	700g	400g	1350g
	Carton Box Quantity	18pcs	24pcs	24pcs	12pcs
	Carton Box Size	54X 37 X 32 (WxDxH cm)		54X 37 X 32(WxDxH cm)	61X 43 X 41(WxDxH cm)
	Carton Box Weight	19kg	19kg	19kg	22kg

Specifications subject to change without notice.

Ingersoll Rand
Security Technologies

Analogue Cameras
High-Performance Infra-red Eyeball Cameras

Overview

Schlage by Ingersoll Rand Security Technologies is a global leader in state of the art security solutions for the global security market. Schlage provides a comprehensive range of CCTV solutions which can be used across different industries such as correctional and defence facilities, transportation facilities, commercial facilities, industrial facilities and healthcare facilities.

Our range of infra-red eyeball cameras combines Schlage and Sony innovation and quality, with the convenience of an easily adjustable camera. This range is suitable for both indoor and outdoor applications.

SCIRDLR310-P/N   SCIRDSR3-P/N

FEATURES & BENEFITS

SCIRDLR310-P/N

- Sony Super HAD II CCD and Effio DSP
- 600TVL CCD
- 30m Infra-red range
- 2.8 – 10 mm
- DC12V
- IP66 weather proof
- Vandal proof housing

SCIRDSR3-P/N

- Sony Super HAD II CCD and Effio DSP
- 600TVL CCD
- 15m Infra-red range
- 3.6 mm
- DC12V
- IP66 weather proof
- Vandal proof housing

ORDERING INFORMATION

SCIRDLR310-P(PAL)/SCIRDLR310-N(NTSC):
Schlage Infra-Red Dome camera with 600 TVL CCD, 30M IR range, 2.8 – 10 mm, DC12V

SCIRDSR3-P(PAL)/SCIRDSR3-N(NTSC):
Schlage Infra-Red Dome camera with 600 TVL CCD, 15M IR range, 3.6 mm, DC12V

SCIRDLR310-P/N
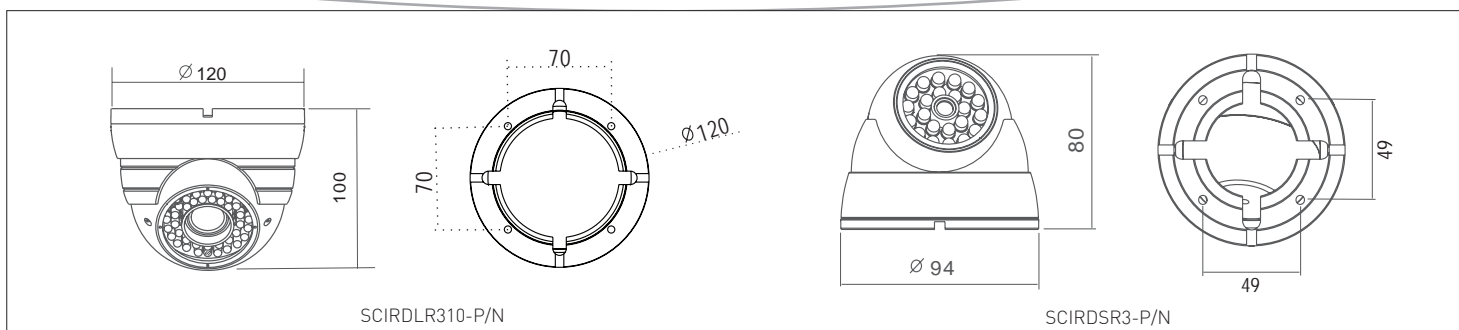
SCIRDSR3-P/N

TECHNICAL SPECIFICATIONS

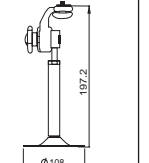|	Model	SCIRDLR310-P/SCIRDLR310-N	SCIRDSR3-P/SCIRDSR3-N
Video	Image Sensor	1/3'' Sony Super HAD II CCD	1/3'' Sony Super HAD II CCD
	Effective Pixels	PAL:752(H)×582(V)	PAL:752(H)×582(V)
		NTSC:768(H)×494(V)	NTSC:768(H)×494(V)
	H.Resolution	600 TV Lines	600 TV Lines
	Video output	1.0Vp-p Composite. 75 Ohms	1.0Vp-p Composite. 75 Ohms
	S/N ratio	More 52dB	More 52dB
	Min. Illumination	0.1Lux/F1.2 0Lux IR On	0.1Lux/F1.2 0Lux IR On
Function	Day & Night	Yes IR LED	Yes with IR LED
	IR LED	35pcs	24pcs
	Distance	30 m	15 m
	OSD Control	Yes	N/A
	Sense UP/Slow Shutter	N/A	N/A
	Privacy Masking	Yes	N/A
	Digital Noise Reduction	Yes	Yes, Default On
	Motion Detection	Yes	N/A
	Digital Zoom	N/A	N/A
	AGC	Yes	
	BLC	Yes	
	HLC	Yes	
	WDR	Digital WDR	Digital WDR, Default On
	Sync System	INT	INT
	Shutter Speed	1/50 ~1/100,000sec(PAL)	1/50 ~1/100,000sec(PAL)
		1/60 ~1/100,000sec(NTSC)	1/60 ~1/100,000sec(NTSC)
	White Balance	ATW/Push/User1/User2/Anti-CR/Push lock	Auto
General	Power source	DC12V	DC12V
	Power Consumption	5W (MAX)	3.6W (MAX)
	Lens	Vari focal 2.8-10 mm lens	3.6 mm lens
	Operating Temperature	(-10° C~ + 50° C) RH 95% Max	(-10° C~ + 50° C) RH 95% Max
	Product Weight	800g	300g
	Product Box Size	120 X 100 (DxH mm)	94 X 80 (DxH mm)
	Carton Box Quantity	20pcs	40pcs
	Carton Box Size	62X 32 X 33 (WxDxH cm)	54X 39 X 22 (WxDxH cm)
	Carton Box Weight	16kg	17.5kg

Specifications subject to change without notice.

Ingersoll Rand
Security Technologies

Analogue Cameras
High-Performance Infra-red Speed Dome Cameras

Overview

Schlage by Ingersoll Rand Security Technologies is a global leader in state of the art security solutions for the global security market. Schlage provides a comprehensive range of CCTV solutions which can be used across different industries such as correctional and defence facilities, transportation facilities, commercial facilities, industrial facilities and healthcare facilities.

Our range of infra-red speed dome cameras combines Sony and Schlage innovation and quality, with high-performance 100m infrared range surveillance.

SCIRPTZ 18/28/36-P/N

FEATURES & BENEFITS

SCIRPTZ 18/28/36-P/N

- Sony ExView HAD CCD camera
- 18x, 28x or 36x optical zoom and 12x digital zoom
- 100m infrared range
- Programmable infrared mode
- Temperature display overlay
- 255 programmable presets
- WDR

- Build in stablizer
- Advanced BLC
- True day and night function with ICR
- Privacy masking windows
- Endless pan and rotate
- Real-time clock overlay
- Slip ring design
- IP66 weather proof

ORDERING INFORMATION

SCIRPTZ18-P(PAL)/SCIRPTZ18-N(NTSC):
Schlage Infra-Red PTZ, 18 x Optical Zoom, 1/4'' Sony ExView HAD CCD, WDR, 550 TVL, 100m IR Range, 24VAC

SCIRPTZ28-P(PAL)/SCIRPTZ28-N(NTSC):
Schlage Infra-Red PTZ, 28 x Optical Zoom, 1/4'' Sony ExView HAD CCD, WDR, 550 TVL, 100m IR Range, 24VAC

SCIRPTZ36-P(PAL)/SCIRPTZ36-N(NTSC):
Schlage Infra-Red PTZ, 36 x Optical Zoom, 1/4'' Sony ExView HAD CCD, WDR, 550TVL, 100m IR Range, 24VAC

* Each speed dome camera comes with one standard bracket either wall mount or pendant mount bracket (Please specify when placing order). Please refer to camera accessories data sheet for other bracket options.
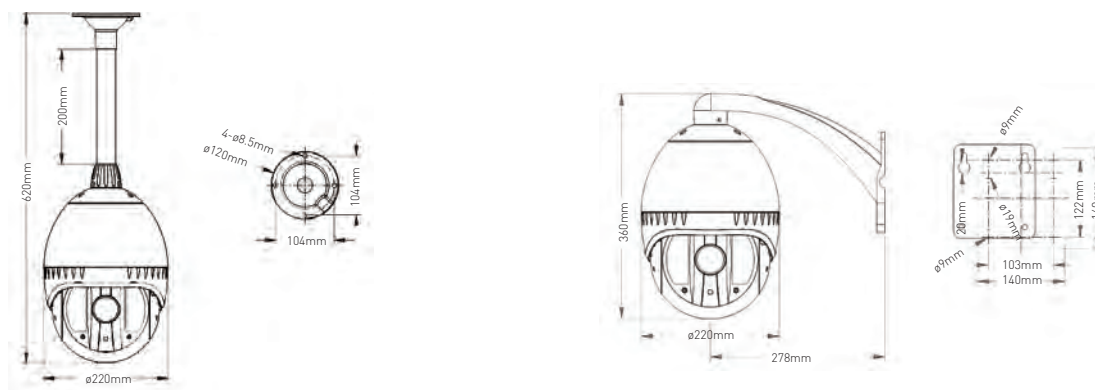
TECHNICAL SPECIFICATIONS

	Model	SCIRPTZ18-P/N	SCIRPTZ28-P/N	SCIRPTZ36-P/N
Camera	Image Sensor	1/4¨ Sony ExView HAD CCD		
	Min. Illumination	0.7Lux/f1.4 50IRE, 0Lux IR On	0.65Lux/f1.35 50IRE, 0Lux IR On	1.4Lux/f1.6 50IRE, 0Lux IR On
	Effective Pixels	PAL: 752(H) x 582(V).		
		NTSC: 768(H) x 494(V).		
	H.Resolution	550 TVL		
	Focus Length	4.1-73.8 mm(F1.4-F3.0)	3.5-98 mm (F1.35-F3.7)	3.4-122.4 mm (F1.6-F4.5)
	Zoom Ratio	18x Optical zoom, with Auto Focus (12x digital zoom)	28x Optical zoom, with Auto Focus (12x digital zoom)	36x Optical zoom, with Auto Focus (12x digital zoom)
Function	IR Distance	100 m		
	IR LED	Original Germany, 12pcs OSRAM LEDs		
	Day/Night	Yes, with Removable IR-Cut Filter		
	AGC	Yes		
	BLC	Yes		
	Auto Iris	Yes		
	WDR	True WDR		
	Panning Angle	360° Continuous rotation		
	Tilt Angle	0°~93° Over-turn		
	Privacy Masking Windows	Available		
	Preset	255 Positions		
	Pattern	8 Patterns		
	Tour	8 Guard tours		
	Auto Scan	8 Groups		
	Resistance Fog Function	Yes		
	Real Time Clock (OSD)	Available		
	Inside Temperature Display	Available		
	Rotation Speed	0.5°~270°/sec(Pan), 0.5°~200°/sec(Tilt)		
	Alarm input/output	7 input, 2 Output		
General	Power supply	24V AC/2A		
	Power Consumption	50 W (Max)		
	Language	English/Chinese		
	Working Temperature	-30°C~+60°C		
	Dimensions	220 mm x 360 mm		
	Diameter	155 mm		
	Weight	4.25kgs (Without Bracket)		

Specifications subject to change without notice.

Ingersoll Rand
Security Technologies
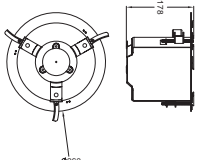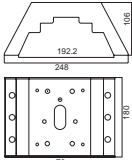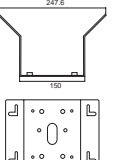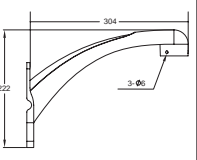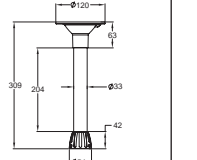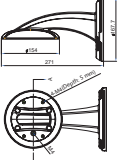
Brackets For Analog Cameras

Brackets for Box Cameras

Model	SBAW0201	SBACE0201	SBACE0202	SBAW0202	SBACE0203	SBAW0203	SBAW0204
	Wall mount	Ceiling mount	Ceiling mount	Wall mount	Ceiling mount	Wall mount	Wall mount
Feature	Suitable for box camera	Suitable for box camera	Suitable for box camera	Suitable for box camera	Suitable for box camera	Suitable for box camera	Suitable for box camera
Construction	ABS	Zinc alloy	Zinc alloy	Iron	Iron	Iron	Aluminum alloy
Weight	75 g	95 g	128 g	512 g	628 g	570 g	550 g
Dimension	Ø79.3 × 170 mm	Ø50.2 × 58.5 mm	Ø50.2 × 108.6 mm	Ø108 × 197.2 mm	Ø108 × 261 mm	Ø108 × 296.7 mm	Ø76.3 × 251.8 mm

Brackets for Speed Dome Cameras

Model	SBACE0101	SBAPO0101	SBACO0101	SBAW0101	SBAPE0101	SBAW0301
	Ceiling mount	Pole mount	Corner mount	Wall mount	Pendant mount	Wall mount
Feature	Suitable for speed dome camera	Suitable for speed dome camera	Suitable for speed dome camera	Suitable for speed dome camera	Suitable for speed dome camera	Suitable for mini speed dome camera (SCPTZM10-P/N) & vandal proof dome camera
Construction	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Weight	1300 g	3800 g	2000 g	700 g	680 g	1300 g
Dimension	Ø260 × 178 mm	248 × 106 mm	247.6 × 150 mm	222 × 304 mm	Ø120 × 309 mm	Ø167.7 × 271 mm

* Each Infra-red bullet camera comes with one standard bracket.

* Each speed dome camera comes with one standard bracket either wall mount or pendant mount bracket (Please specify when placing order). Please refer to this data sheet for other bracket options.

SCHLAGE

Accessories

Housings

Outdoor IP67
Vandal-proof Housings

Accessories
Outdoor Vandal-proof Housings

Overview

Schlage by Ingersoll Rand Security Technologies is a global leader in state of the art security solutions for the global security market. Schlage provides a comprehensive range of CCTV solutions which canbe used across different industries such as correctional and defence facilities, transportation facilities and commercial facilities.

Our range of Outdoor Vandal-proof Housings complied with IP 67 standard can provide optimum all-round protection for your cameras.

SC-HN   SC-HIR-B   SC-HN/SC-A-SSC

FEATURES & BENEFITS

SC-HN-STD, SC-HN-B-AC24/AC23

- Waterproof complies with the IP67 standard
- Side opening, easy to install camera
- Die-cast aluminium,resistant to impacts
- 25 kg (55lb.) load rating
- Easy installation
- Resistant to salt damage
- Sturdy joint
- Internal cable management
- 6mm tempered glass cover

SC-HIR-B-AC24/AC230

- Wide angle IR LED lighting
- Waterproof complies with the IP67 standard
- Side opening, easy to install camera
- Die-cast aluminium, resistant to impacts
- 25 kg (55lb.) load rating
- Resistant to salt damage
- Sturdy joint
- Internal cable management
- 6 mm tempered glass cover

ORDERING INFORMATION

SC-HN-STD:
Schlage housing: Side opening, IP67, Vandal-proof, Die-cast aluminum with stainless screw, Salt resistance, requiring cable management bracket (SC-A-CMB)

SC-HN-B-AC24:
Schlage housing: Side opening, IP67, Vandal-proof, Die-cast aluminum with stainless screw, Salt resistance, with Heater, with Blower, requiring cable management bracket (SC-A-CMB), AC24V

SC-HN-B-AC230:
Schlage housing: Side opening, IP67, Vandal-proof, Die-cast aluminum with stainless screw, Salt resistance, with Heater, with Blower, requiring cable management bracket (SC-A-CMB), AC90-260V

SC-HIR-B-AC24:
Schlage housing: Vandal proof housing built 96pcs IR LED,IR distance (70M), side opening, IP67, Die-cast aluminum with stainless screw, Salt resistance, with Heater, with Blower, requiring cable management bracket (SC-A-CMB), AC24V

SC-HIR-B-AC230:
Schlage housing: Vandal proof housing built 96pcs IR LED,IR distance (70M), side opening, IP67, Vandal-proof, Die-cast aluminum with stainless screw, Salt resistance, with Heater, with Blower, requiring cable management bracket (SC-A-CMB), AC90-260V
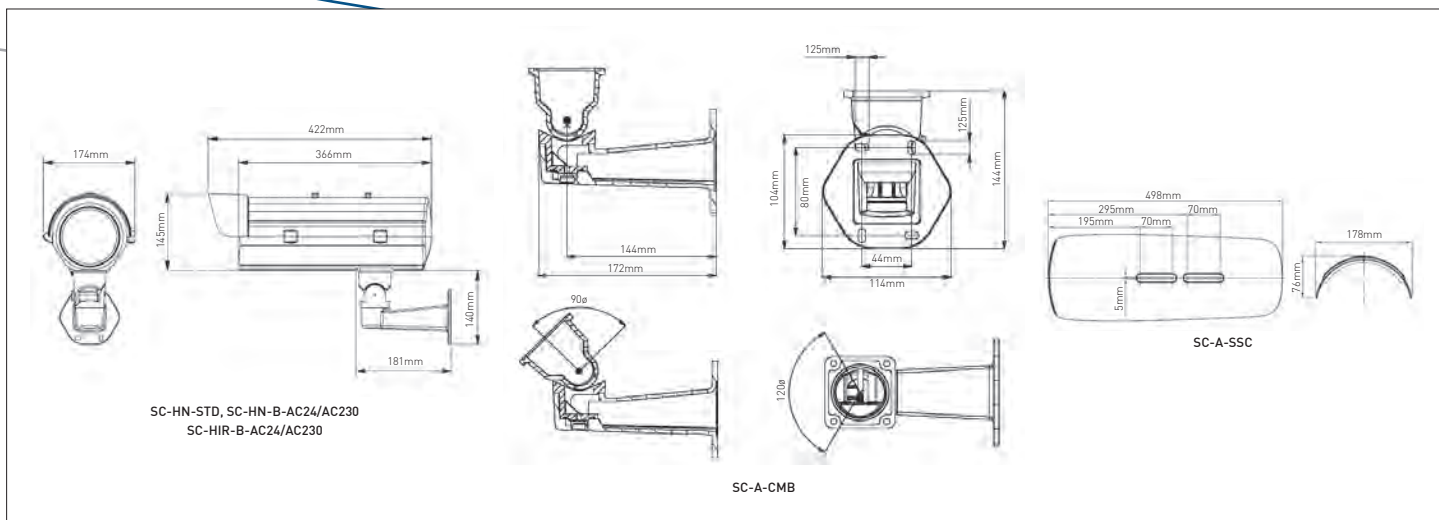
SC-A-SSC:
Schlage sun shield cover for housing

SC-A-CMB:
Schlage housing cable management bracket: Vandal proof wall mount bracket with internal cable channel

* Each housing requires a bracket:"SC-A-CMB". Please place order for the bracket " SC-A-CMB" together along with housings: SC-HN-STD, SC-HN-B-AC24, SC-HN-B-AC230, SC-HIR-B-AC24, SC-HIR-B-AC230 accordingly to the quantity required.

* The bracket "SC-A-CMB" is not for sale separately from the housing.

Diagram labels: 174mm, 422mm, 366mm, 145mm, 140mm, 181mm, 125mm, 125mm, 104mm, 80mm, 144mm, 144mm, 44mm, 114mm, 172mm, 90ø, 120ø, 498mm, 295mm, 195mm, 70mm, 70mm, 5mm, 178mm, 76mm

SC-HN-STD, SC-HN-B-AC24/AC230
SC-HIR-B-AC24/AC230

SC-A-CMB

SC-A-SSC

TECHNICAL SPECIFICATIONS

Model	SC-HN-STD	SC-HN-B-AC24	SC-HN-B-AC230	SC-HIR-B-AC24	SC-HIR-B-AC230	SC-A-CMB	SC-A-SSC
Construction	Die-cast Aluminum			Die-cast Aluminum		Aluminum	ABS
Color	White			White		White	White
Dimensions (HxDxW)	422 x 174 x 145 mm			422 x 174 x 145 mm		172 x 144 x 114 mm	498 x 178 x 76 mm
Weight	2300g			3500g		600g	380g
Radiant Distance	N/A			70 M (230 ft)		N/A	N/A
IR LED Angle	N/A			50°			
IR LED Quantity	N/A			96 units			
Suitable camera dimension (HxDxW)	less than 210x70x90 mm			less than 210x70x90 mm			
View angle of camera suggested	less than 50°			less than 50°			
Diameter of lens suggested	less than 45 mm			less than 45 mm			
Operating temperature	-30ºC (-22˚F) ~ 50ºC (122˚F)			-30ºC (-22˚F) ~ 50ºC (122˚F)			
Operating humidity	90% RH (max)			90 % RH (max)			
Storage temperature	-40ºC (-40˚F) ~ 60ºC (140˚F)			-40ºC (-40˚F) ~ 60ºC (140˚F)			
Camera Sync Input	N/A			Yes (V-sync)			
Power Consumption	N/A	25W (MAX.)	30W (MAX.)	35 W (MAX.)	40 W (MAX.)		
Power	NO	AC24V	AC90~260V	AC24V	AC90-260V		
Accessory	NO	Heater & blower included	Heater & blower included	Heater & blower included	Heater & blower included		
Package (HxDxW)	4 pieces in one carton (single dimension - 440 x 155 x 158 mm)			4 pieces in one carton (single dimension - 440 x 155 x 158 mm)		8 pieces in one carton (single dimension - 194 x 142 x 121 mm)	20 pieces in one carton (single dimension - 520 x 490 x 230 mm), 6200 g

Specifications subject to change without notice.

Ingersoll Rand
Security Technologies

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Ingersoll Rand
Security Technologies

Ingersoll Rand's Security Technologies Sector is a leading global provider of products and services that make environments safe, secure and productive. Our innovative security solutions range from mechanical lock, electronic lock, hotel lock, electromechanical lock, door closer, exit device, steel door and door frame to biometric access control system, time and attendance and personnel scheduling systems, video surveillance systems, security system integration, command center system integration, providing total solutions for global security market.

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