



SCATI offers an extensive range of **SCATI EYE** cameras that can be adapted to all types of indoor and outdoor settings, including bank offices, scattered locations, critical facilities and many others.

Our technicians offer advice to help find the cameras best suited to each location. This involves studying the specific characteristics (lighting, distance to be covered, etc.) and then choosing a camera with the ideal specifications for obtaining the highest quality images.

A wide range of our cameras are smart, which means that advanced algorithms can be integrated. SCATI EYE INTELLIGENT cameras enable adaptation to the age of smart security, incorporating video analytics embedded in the camera to detect intrusions and incidents while avoiding any tampering, thanks to integrated video quality diagnostics.

This eliminates the need for dedicated processing servers, thereby minimising the likelihood of faults and cutting the costs of the surveillance system. Events can trigger recording, pop-up windows in SCATI WATCHER, the sending of alarms to third parties and many other configurable actions.

IP SCATI EYE camera features are highly versatile and designed to satisfy the requirements of the most demanding security environments. Camera resolutions of up to 8 Mpx provide a wide range of functions: WDR (to balance backlighting and glare), high sensitivity, day/night mode, varifocal lens, PoE power, an advanced compression standard (H.264) and integrated infrared capabilities, among others.

SCATI EYE encoders allow our customers to gradually migrate from their CCTV system to IP technology, since they allow for the integration of their analogue cameras into a network-based video system.

SCATI also offers HD encoders that support resolutions up to 720p and 1080p. HD encoders allow you to leverage existing cabling structure without losing image quality and benefits of network systems such as scalability and flexibility.

We offer a great variety of special cameras such as Panoramic 360°, Pinhole and thermal cameras to cover and video surveillance need.

IP MEGAPIXEL CAMERAS

BOX



With a resolution of up to 6 Mpx, these models can include low-light functionalities and WDR. Their excellent performance and compact size make them the ideal cameras for offering complete security in all kinds of circumstances.

PTZ DOME



Their high positioning-speed enables these cameras to cover and expand areas, both indoors and outdoors, with great precision. With up to 3 MPX, PoE, 120dB WDR and infrared up to 200 metres **and** with smart IR & defog capabilities, makes it perfect for perimeter protection applications in any weather conditions.

BULLET



These camera types offer superior quality with a resolution of up to 4 Mpxm true Day/Night and 140 dB and WDR functionalities.

Its integrated IR illuminators. Its discreet size, easy installation and IP67 protection make it a multipurpose camera for the most demanding surveillance needs.

MINIDOME



The range of minidome cameras deliver outstanding image quality both at night and during the day thanks to a resolution 4 Mpx, 140 dB WDR and Infrared illuminators with a 30 meter range. With a compact size, vandalproof housing and outdoor IP67-level protection, they are perfect for environments where tamper-resistant discreet domes are required.

HD ANALOGUE CAMERAS

MINIDOME



The HD ANALOGUE MINIDOME camera provides high quality video over coaxial cable, enabling an easy upgrade of image quality without replacing the existing cabling structure. It incorporates another BNC output, which delivers SD analogue video and a switch to choose between SD and HD analogue video. It is outdoor-ready (IP66), vandalproof and has 40 m IR range, constituting a practical solution as a cost effective analogue surveillance camera.

BULLET



The HD ANALOGUE BULLET camera provides high quality video over coaxial cable, enabling an easy upgrade of image quality without replacing the existing cabling structure. It incorporates another BNC output, which delivers SD analogue video and a switch to choose between SD and HD analogue video. It is outdoor-ready (IP66) and has IR illuminators, constituting a practical solution as a cost effective analogue surveillance camera.

SPECIAL CAMERAS

PINHOLE



With resolutions of up to 2 Mpx, Pinhole cameras capture every detail to ensure identification thanks to their 120 dB Wide Dynamic Range (WDR). Their small size makes them ideal for installation in areas that are difficult to access, such as ATMs and other types of covert surveillance.

Some models incorporate Video Analytics, such as face detection, and the wide variety of associated actions enable immediate incident detection.

PANORAMIC 360°



The IP 360° PANORAMIC camera series enables total situational awareness thanks to constant 360° surveillance. It offers the possibility to create different viewing compositions, move through the image thanks to digital PTZ and achieve high image detail with digital zoom. The wide coverage area provided by this model means that it can replace multiple standard cameras, saving costs and simplifying installation.

FACE DETECTION



The FACE DETECTION MINIDOME camera is specifically designed for entrances and other environments where person identification is critical. With a 2 Megapixel sensor, 120 dB Wide Dynamic Range and an extremely low illumination, image quality is high even with backlighting or low-light conditions. It also incorporates an advanced face detection filter, which enables alarm and video recording triggering when the presence of a different person is detected and makes search in the recorded video easier.

THERMAL



The IP INTELLIGENT THERMAL camera is able to capture images in the most extreme conditions: dense fog, dust or complete darkness. It includes Smart features, such as Line crossing, Intrusion, Region Entrance & Exit Which makes it perfect for perimeter protection applications. Provided with IP66 protection, PoE and a high sensitivity sensor, it meets the needs of the most demanding situations.

VIDEO ENCODER



The SCATI VIDEO ENCODER provides robust, high quality video, constituting the ideal solution to migrate from analogue to IP technology. It allows you to get profit of the network system benefits, such as scalability and flexibility, whilst leveraging your analogue inversion.

HD ANALOGUE ENCODER



The SCATI ANALOGUE HD VIDEO ENCODER provides robust, high quality video, featuring 1080p and 720p HD analogue video support. This enables an easy upgrade of image quality without replacing the existing cabling structure, constituting the ideal solution to migrate from analogue to IP technology. It allows you to get profit of the network system benefits, such as scalability and flexibility, whilst leveraging your analogue inversion.

ACCESORIES



Lens, brackets, power source.

SCATI EYE CAMERAS

NOMENCLATURE

Formato	Tecnología	Resolución	Ubicación	Sensor	
SEC Box y Bullet	4 Analógica	1 480TVL	0 Indoor/Embedded 1 Outdoor 2 Embedded	0 CCD 1 CMOS 2 Digital Image System	
SIC Box y Bullet Plus		2 560TVL			
SED Domo		8 600TVL			
SEM Minidomo		9 650TVL			
SIM Minidomo Plus		0 700TVL			
SET Termal		4 HD Conmutable, 720p			
SEP Pinhole		5 HD Conmutable, 1080p			
-		2 Analógica HD no conmutable			4 720p 5 1080p
		1 IP			3 VGA 4 4CIF
		3 IP MPx			4 1MPx 5 2MPx 6 3MPx / 4MPx 7 5MPx / 6MPx (fisheye) 8 6MPx 9 8MPx
	5 IP MPx	2 12MPx			

Tipo Domo	Características	
4 4 pulgadas	Caracteres antes del guión	D Día
5 5 pulgadas		N Dia&Noche
		V Vandalproof
		W Wireless
		R IR
		R1/R2... Alcance IR (10m/20m...)
		P P-iris
	Guión	- -
	Caracteres después del guión	A Audio / Alarma
		B Low Light / Black
		C AC24/DC12 (en cámaras pinhole: codificador o cuerpo)
		D Molex power connector / dual lens (pinhole)
		E PoE
		F Varifocal/ABF
		H Heater
		I HDMI output
		L Long cable (pinhole) / Limpiaparabrisas (PTZ)
		M Motorizada
		O 360 grados
		Q Squared camera (pinhole)
		S En cámaras pinhole: sensor o lente
		T Temperatura extendida
		U Conector M12
		W Limpiaparabrisas (Wiper)
		X WDR
		Y IP66/IP67
		2/4/6/8... Lente [mm] (Cámaras varias opciones de lente)
		20/30/36... Zoom óptico (Cámaras lente varifocal)
	P / N PAL / NTSC (Cámaras analógicas)	
	Segundo guión	- -
	F	F Firmware con face detection avanzada

FACE DETECTION MINIDOME

CAMERA INDOOR

Advanced
Face detection



2 Megapixel
Resolution



The **FACE DETECTION MINIDOME** camera is specifically designed for entrances and other environments where person identification is critical. With a **2 Megapixel** sensor, **120 dB Wide Dynamic Range** and an extremely low illumination, image quality is high even with backlighting or low-light conditions. It also incorporates an **advanced face detection filter**, which enables **alarm and video recording triggering** when the presence of a different person is detected and makes **search in the recorded video** easier.

- 1/1.8" Progressive Scan CMOS Sensor
- 2 Megapixel resolution
- 2.8 – 12 mm varifocal lens
- 30 m IR range
- Vandalproof
- Smart features and advanced face detection

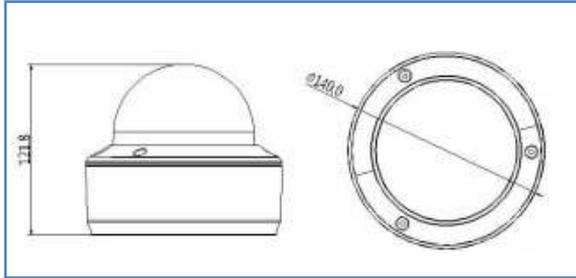
FACE DETECTION MINIDOME

CAMERA. INDOOR



SIM-3501VR-EXB-F

DIMENSIONS (Unit: mm)



AVAILABLE MODELS

SIM-3501VR-EXB-F: 2 Megapixel, 120 dB Wide Dynamic Range, 30 m IR range, advanced face detection capabilities

1/1.8" Progressive Scan CMOS sensor
2 Megapixel resolution
2.8 ~ 12 mm lens
30 m IR range
Smart features and advanced face detection

CAMERA	
Sensor	1/1.8" Progressive Scan CMOS
Min. illumination	0.002 Lux @ (F1.2, AGC ON) 0.0027 Lux @ (F1.4, AGC ON) 0 Lux with IR
Lens	2.8 ~ 12 mm @F1.4
Angle of view	92°~32°
Lens mount	Φ14
Angle adjustment	Pan: 0°~355°, tilt: 0°~75°, rotation: 0°~355°
Shutter time	1 - 1/100,000 s
Slow shutter	Yes
Auto iris	DC drive
Day/Night	ICR (Auto / Schedule / Alarm trigger)
Wide Dynamic Range	120 dB WDR
Image usability	BLC/HLC/3D DNR/ROI/Defog/EIS
Regional cropping	Support
Distortion Correction	Support
Smart IR	Yes
IR range	30 m
VIDEO	
Max. resolution	1920 x 1080
Frame rate	50Hz: 50fps(1920 x 1080, 1280 x 960, 1280 x 720) 60Hz: 60fps (1920 x 1080, 1280 x 960, 1280 x 720)
Video compression	H.264 (Baseline / Main / High Profile) / MPEG4 / MJPEG
ROI encoding	Yes, up to 2 configurable areas
Video bit rate	32 Kbps - 16 Mbps
Video streaming	Triple stream Third stream: Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1920 x 1080) 60Hz: 30fps (1920 x 1080)
Overlay image	24 bit BMP
Image settings	Corridor mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
Video output	1Vp-p composite output (75 Ω/BNC)
Smart features	Motion detection, Tampering alarm, Intrusion detection, Line crossing detection, Abandoned object, Scene change detection, Audio detection, Advanced face detection recognition, Object counting, Defocus detection
Advanced face detection	Detects faces and sends alarm only when the faces are from a different person. Multiple configurable options.
AUDIO / ALARM	
Audio compression	G.711/G.722.1/G.726/MP2L2
Audio bit rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Audio I/O	1-ch 3.5 mm audio in(Mic in/Line in)/out interface Support dual audio track, stereo
Audio Sampling Rate	16kHz / 32kHz / 44.1kHz / 48kHz
Alarm I/O	1 input, 1 output (up to DC24V 1A or AC110V 500mA)
Alarm actions	Network disconnect, IP address conflict, Storage exception, Smart features
NETWORK	
Local storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Network storage	NAS (Support NFS, SMB/CIFS), ANR
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Communication interface	1 RJ45 10M/100M/1000M Ethernet port 1 RS-485 interface
Security	User Authentication, Watermark, IP address filtering, Anonymous access
Compliance	Profile G, Profile S, PSIA
Reset button	Yes
GENERAL	
Power supply	12 V DC ± 10%, PoE (802.3at)
Power consumption	Max 13.5 W
Operating conditions	-30 °C ~ 60 °C (-22 °F ~ 140 °F) Humidity 95% or less (non-condensing)
Impact protection	IK10
Dimensions	Φ140 × 121.8 mm (Φ5.51" × 4.80")
Weight	1400g