



**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	
<b>SEC</b> Box y Bullet	4 Analógica	1 480TVL	0 Indoor/Embedded 1 Outdoor 2 Embedded	0 CCD 1 CMOS 2 Digital Image System	
<b>SIC</b> Box y Bullet Plus		2 560TVL			
<b>SED</b> Domo		8 600TVL			
<b>SEM</b> Minidomo		9 650TVL			
<b>SIM</b> Minidomo Plus		0 700TVL			
<b>SET</b> Termal		4 HD Conmutable, 720p			
<b>SEP</b> 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	<b>Caracteres antes del guión</b>	<b>D</b> Día
5 5 pulgadas		<b>N</b> Dia&Noche
		<b>V</b> Vandalproof
		<b>W</b> Wireless
		<b>R</b> IR
		<b>R1/R2...</b> Alcance IR (10m/20m...)
		<b>P</b> P-iris
	<b>Guión</b>	- -
	<b>Caracteres después del guión</b>	<b>A</b> Audio / Alarma
		<b>B</b> Low Light / Black
		<b>C</b> AC24/DC12 (en cámaras pinhole: codificador o cuerpo)
		<b>D</b> Molex power connector / dual lens (pinhole)
		<b>E</b> PoE
		<b>F</b> Varifocal/ABF
		<b>H</b> Heater
		<b>I</b> HDMI output
		<b>L</b> Long cable (pinhole) / Limpiaparabrisas (PTZ)
		<b>M</b> Motorizada
		<b>O</b> 360 grados
		<b>Q</b> Squared camera (pinhole)
		<b>S</b> En cámaras pinhole: sensor o lente
		<b>T</b> Temperatura extendida
		<b>U</b> Conector M12
		<b>W</b> Limpiaparabrisas (Wiper)
		<b>X</b> WDR
		<b>Y</b> IP66/IP67
		<b>2/4/6/8...</b> Lente [mm] (Cámaras varias opciones de lente)
		<b>20/30/36...</b> Zoom óptico (Cámaras lente varifocal)
	<b>P / N</b> PAL / NTSC (Cámaras analógicas)	
	<b>Segundo guión</b>	- -
	<b>F</b>	<b>F</b> Firmware con face detection avanzada

## HD ANALOGUE MINIDOME CAMERA. OUTDOOR

40 meter  
IR range



HD  
Analogue

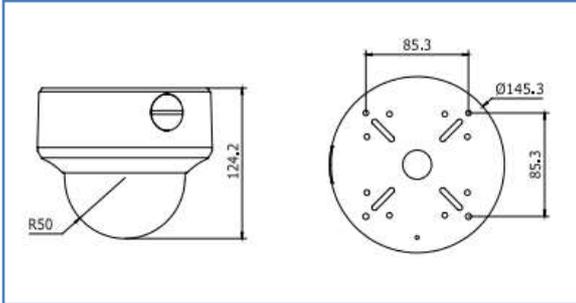


The **HD ANALOGUE MINIDOME** camera provides **high quality video over coaxial cable**, enabling an easy upgrade of image quality without replacing the **existing cabling structure**. It incorporates another **BNC output**, which delivers SD analogue video and a switch to choose between SD and HD analogue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

- CMOS Sensor
- 1 Megapixel Resolution
- 2.8 - 12 mm Varifocal lens
- 40 meter Infrared range
- Outdoor (IP66)
- Vandalproof

# ANALOGUE MINIDOME HD CAMERA. OUTDOOR

## DIMENSIONS (Unit: mm)



## AVAILABLE MODELS

**SEM-4511NVR4-CXY:** HD Analogue Minidome, 2 Megapixel resolution, varifocal lens, vandalproof



**SEM-4511NVR4-CXY**

CMOS Sensor  
2 Megapixel resolution (1080p)  
2.8 - 12 mm Varifocal lens  
40 meter Infrared range  
Vandalproof

CAMERA	
Sensor	CMOS sensor
Signal system	PAL/NTSC
Min. illumination	0.01 Lux @ (F1.2,AGC ON),0 Lux with IR 0.014 Lux @ (F1.4,AGC ON),0 Lux with IR
Lens	2.8 - 12 mm @ F1.4
Angle of view	103°- 32.1°
Lens mount	φ14
Angle adjustment	Pan: 0 - 355° Tilt: 0 - 75° Rotation: 0 - 355°
Shutter time	PAL: 1/25 s to 1/50,000 s NTSC: 1/30 s to 1/50,000 s
Day & Night	ICR
Wide Dynamic Range	120 dB WDR (only for HD output)
Signal-to-Noise Ratio	≥ 62 dB
Synchronization	Internal synchronization
IR range	40 m
VIDEO	
Effective pixels	1944(H)*1092(V)
Frame rate	1080p @25fps 1080p @30fps
Video output	1 Analog HD output 1 CVBS Vp-p composite output (75 Ω/BNC)
MENU	
Camera ID	On/off (15 characters, position programmable)
Backlight Compensation	Support
AGC	Support
White balance	ATW, AWC-SET, Indoor, Outdoor, Manual
Day/Night mode	Colour/BW/EXT
Privacy mask	On/Off, maximum 8 zones
Scene	Indoor, Outdoor, Indoor1, LOW-LIGHT
Anti-flicker	On/off
Function	Digital noise reduction, Digital zoom, Slow shutter, Mirror, Defog, Defect pixel correction, smart D-zoom, Smart IR
GENERAL	
Power supply	12 VDC ±15%, 24 VAC±15%,
Power consumption	12 VDC: Max. 4W 24 VAC: Max. 6W
Operating conditions	-20 °C - 60 °C (-4 °F - 140 °F) Humidity 90% or less (non-condensing)
Protection level	IP66
Impact protection	IK10
Dimensions	φ145.3 × 124.2 mm (φ5.72" × 4.89")
Weight	1300 g

# HD ANALOGUE BULLET CAMERA. OUTDOOR

**Outdoor**  
(IP66)



**HD**  
Analogue

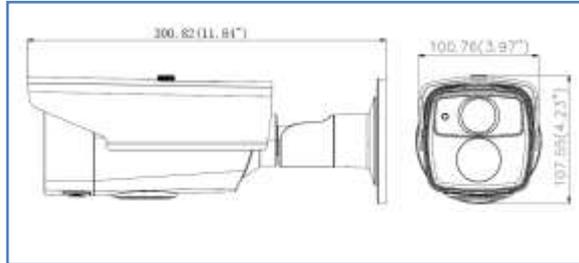


The **HD ANALOGUE BULLET** camera provides **high quality video over coaxial cable**, enabling an easy upgrade of image quality without replacing the **existing cabling structure**. It incorporates another **BNC output**, which delivers SD analogue video and a switch to choose between SD and HD analogue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

- CMOS Sensor
- 2 Megapixel Resolution
- 2.8 - 12 mm Varifocal lens
- Infrared illuminators
- Outdoor (IP66)

# HD ANALOGUE BULLET CAMERA. OUTDOOR

## DIMENSIONS (Unit: mm)



## AVAILABLE MODELS

**SEC-4511NR5-XY:** HD Analogue Bullet, 2 Megapixel resolution, varifocal lens, 120 dB Wide Dynamic Range, outdoor (IP66), 50 m IR range



**SEC-4511NR5-XY**

CMOS sensor  
2 Megapixel Resolution  
2.8 - 12 mm VF lens  
50 meter IR range  
Outdoor (IP66)

CAMERA	
Sensor	CMOS sensor
Signal system	PAL/NTSC
Min. illumination	0.01 Lux @ (F1.2,AGC ON) 0.014 Lux @ (F1.4,AGC ON) 0 Lux with IR
Lens	2.8 - 12 mm @ F1.4
Angle of view	103° - 32.1°
Lens mount	φ14
Angle adjustment	Pan: 0° - 360 Tilt: 0° - 90 Rotate: 0° - 360°
Shutter time	PAL: 1/25 s to 1/50,000 s NTSC: 1/30 s to 1/50,000 s
3D DNR	Low / Middle / High / Off
Synchronization	Internal synchronization
Day & Night	ICR
Wide Dynamic Range	120dB WDR (only for HD output)
Signal-to-Noise Ratio	≥ 62 dB
IR range	50 m
VIDEO	
Effective pixels	1944(H)*1092(V)
Video frame rate	PAL: 1080p@25fps NTSC: 1080p@30fps
Video output	1 analogue HD output 1 CVBS Vp-p composite output (75 Ω/BNC)
MENU	
Backlight Compensation	Support
Camera ID	On/off (15 characters, position programmable)
White balance	ATW/ AWC-SET / Manual
AGC	Support
Day/Night mode	Colour / BW / EXT
3D DNR	Low / Middle / High / Off
Privacy Mask	On/Off, maximum 8 zones
Anti-flicker	On/Off
Scene	Indoor, Outdoor, Indoor1, Low light
Function	HSBLC, Digital Noise Reduction, Digital Zoom, Slow shutter, Mirror, Defog, Defect pixel correction, Smart D-Zoom
GENERAL	
Power supply	12 VDC ±15%, 24 VAC ±15%
Power consumption	12 VDC: Max. 7W 24 VAC: Max. 10W
Operating conditions	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Protection level	IP66
Dimensions	300.82×100.76×107.55mm(11.84"×3.97"×4.23")
Weight	1550g