



SNC-431RBIA

SANTEC 4 MP IP bullet camera
2,7-12 mm 4x motor. lens IR-LED, IP-66, PoE

PRODUCT DESCRIPTION

► Application:

SANTEC SNC-431RBIA is an outdoor IP camera with integrated IR LEDs. It is the ideal camera for 24/7 applications. Thanks to 4 megapixel resolution and the IR LEDs, the camera produces detailed real-time images at day and night. The integrated 4x motor zoom lens with 2,7-12 mm focal length can easily be adjusted using the web interface. The camera has versatile installation and application options thanks to its slim design and the comprehensive set of accessories.

► Technical specifications:

Type	IP Day/Night bullet camera
Sensor type	1/3" Progressive Scan CMOS
Picture resolution (pixel)	4 MP (2560x1440)
Video codec	H.264 / MJPEG
Max. frame rate (fps)	20 at 4 MP, 25 at 3 MP
Number of video streams	3 (1x Main, 2x Sub)
Lens mount	Intern
Iris control	DC
Lens type	Motorized DC vario lens
Focal length	2.7 - 12 mm / F1.4
Angle of view (horizontal)	100° - 33°
Sensitivity (Lux)	0.01 (Color) / 0 (IR)
S/N ratio (dB)	< 50db
IR cut filter	IR-Cut filter (mechanical)
Day/night mode adjustment	Auto / color / B/W
Automatic gain control (AGC)	Yes

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► Technical specifications:

Digital noise reduction (DNR)	3DNR
Shutter (sec.)	1/3 - 1/100,000
White balance	Auto / sunny / night / outdoor / manual
Backlight compensation	BLC, HLC, WDR
Wide dynamic range (WDR)	120 dB WDR (True WDR)
Digital zoom	Yes
Mirroring (vertical)	Yes
Privacy zones	4
Region of Interest (ROI)	Yes, 4 zones
Tripwire	Yes
Intrusion	Yes
Tampering Alarm	Yes
Scene change	Yes
Missing / Added	Yes
Audio detect	Yes
Face detect	Yes
Motion detection	Yes
Motion detection (zones)	4
Camera title	Yes
Video output	BNC, 75 Ohm 1 Vpp
Audio support	Yes
Audio in-/outputs	1 / 1
Audio codec	G.711a / G.711Mu / AAC
Alarm contacts I/O	2 / 1
Alarm management	HTTP, FTP, SMTP
Schedule	Yes
Management software support	Many VMS
BURG-WÄCHTER cloud	Yes
Security features	HTTPS, SSL, IP Filter
Supported protocols	HTTP, TCP, NTP, IPv4, IPv6, DHCP, TELNET, ONVIF, FTP
Supported software standards	ONVIF, PSIA, CGI
Internal memory	Micro SD (optional), max. 128 GB
Video Content Analytics (VCA)	Tripwire, Intrusion, Face detect, etc.
Ethernet connector	RJ-45
Ethernet standards	10/100 Base-T
Classification	IP-66
Vandal-proof	No
Heater	No
Installation	Wall mount
Camera mounting	Screw mounting
Housing colour	White
Housing material	Metal
Integrated IR-LEDs	Yes
Wavelength IR-LED	850 nm

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► Technical specifications:

IR distance (m. ca.)	50
Voltage	12 V DC / PoE
PoE standard	IEEE 802.3af
Power consumption (watt)	11.5 max
Operating temperature (°C)	-20 to +60
Storage temperature (°C)	0 to +60
Rel. humidity (%)	Max. 95, non-condensing
Dimensions WxHxD (mm)	280 x 98 x 95
Weight	1100 g
Identifier	CE, RoHS
Items included in delivery	CD, software, quick user guide

► Note:

SD card is not included.

► Recommended Accessories

SNCA-PM-4661	Mastadapter inkl. Spannbänder von 80 bis 130 mm
SNCA-CM-4670	Corner Mount Adapter for SNCA-JB-4640, -WM-4642 (SNC-211RSIA)
SNCA-MK-4530	Adapter / Junction box for SNC-311RBIA and SNC-431RBIA
VCA-12V-1.5ASA	SANTEC stabilized power supply unit 230V AC/12V DC, 1.5 A, with plug /adapter
SNPS-12D2	SANTEC stabilized power supply 12 V DC, 1.5 A, plug / adapter
SANPOWER-MS01L	1-channel PoE power supply 48V DC