SNC-431FBIF

SANTEC 4 MP mini IP bullet camera
3,6 mm fix lens, IR-LED, IP-66, PoE

PRODUCT DESCRIPTION

▶ Application:

SANTEC IP outdoor camera SNC-431FBIF with integrated IR-LEDs is the perfect solution for all 24/7 indoor and outdoor applications. Thanks to its 4 mega pixel resolution and the integrated IR-LEDs, the camera delivers detailed and brillant pictures at all times. The field of view is large enough thanks to the integrated 3.6 mm fix lens. The slim camera design enable installations almost everywhere. This camera has manifold functions and adjustment options such as on-board video analytics and brilliant image quality thanks to 120 dB WDR (true WDR).

▶ Technical specifications:

Type	IP-Mini day/night IR bullet camera
Sensor type	1/3" Progressive Scan CMOS
Picture resolution (pixel)	4 MP (2688x1520)
Video codec	H.264, H.264H, H.264B, 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
S/N ratio (dB)	< 50dB
Iris control	DC
Lens type	Fix lens
Focal length	3,6 mm / F2.0
Angle of view (horizontal)	84°
Sensitivity (Lux)	0.01 (Color) / 0 (IR)
IR cut filter	IR-Cut filter (mechanical)
Day/night mode adjustment	Auto / color / B/W

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▶ Technical specifications:

Automatic gain control (AGC)	Yes
Digital noise reduction (DNR)	3DNR
Shutter (sec.)	1/3 - 1/10000
White balance	Auto, manually
Backlight compensation	BLC, HLC, WDR
Wide dynamic range (WDR)	120 dB WDR (True WDR)
Digital zoom	Yes
Mirroring (vertical)	Yes
Motion detection	Yes
Privacy zones	4
Region of Interest (ROI)	Yes
Tampering Alarm	Yes
Camera title	Yes
Tripwire	Yes
Intrusion	Yes
Scene change	Yes
Missing / Added	Yes
Video output	No
Audio detect	No
Audio support	No
Audio in-/outputs	No
Audio codec	-
Alarm contacts I/O	no
Schedule	Yes
Management software support	Many VMS
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Security features	HTTPS, SSL, IP Filter
Supported protocols	HTTP, UDP, UPNP, BONJOUR, DHCP, FTP, SMTP, RTSP
Supported software standards	ONVIF Profile S
Internal memory	No
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 bracket included
Camera mounting	Screw mounting
Housing colour	White
Housing material	Metal
Integrated IR-LEDs	Yes
Wavelength IR-LED	850 nm
IR distance (m. ca.)	max. 30
Voltage	12 V DC / PoE

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▶ Technical specifications:

PoE standard	IEEE 802.3af
Power consumption (watt)	6
Operating temperature (°C)	-30 to +60
Rel. humidity (%)	Max. 95, non-condensing
Dimensions WxHxD (mm)	70 x 70 x 178
Weight	800 g
Identifier	CE, RoHS
Items included in delivery	CD, software, quick user guide

▶ Note:

SD card is not included.

▶ Recommended Accessories

SNCA-MK-4530	Adapter / Junction box for SNC-311RBIA and SNC-431RBIA
SNCA-CM-4670	Corner Mount Adapter for SNCA-JB-4640, -WM-4642 (SNC-211RSIA)
SNCA-PM-4661	Mastadapter inkl. Spannbänder von 80 bis 130 mm
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