



SNC-431RLNN

SANTEC 4 MP IP-Box camera
C/S Mount, PoE, 12 V DC / 24 V AC, True WDR

PRODUCT DESCRIPTION

► Application:

SANTEC SNC-431RLNN is an IP camera in box design which produces excellent images at 4 megapixel resolution. This camera has manifold functions and adjustment options such as on-board video analytics, brilliant image quality thanks to 120 dB WDR (true WDR) and auto backfocus for automatic focus settings according to the lens position. Features like multi-streaming, region of interest (ROI), PoE and micro-SD card slot are of course included. SNC-431RLNN is a camera which can be universally used, i.e. indoors as well as outdoors using a matching weather-proof housing.

► Technical specifications:

Type	IP Day/Night box camera
Sensor type	1/3" Progressive Scan CMOS
Picture resolution (pixel)	4 MP (2688x1520)
Video codec	H.264 / MJPEG
Max. frame rate (fps)	20 at 4 MP, 25 at 3 MP
Number of video streams	3 (individually adjustable)
Lens mount	C/CS
Iris control	DC
Lens type	No lens
Sensitivity (Lux)	0,01/F1.2 (Color) / 0,001/F1.2 (B/W)
IR cut filter	IR-Cut filter (mechanical)
Day/night mode adjustment	Auto / color / B/W
Automatic gain control (AGC)	Yes
Digital noise reduction (DNR)	3DNR
Shutter (sec.)	1/3 - 1/100,000

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► Technical specifications:

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
Tripwire	Yes
Intrusion	Yes
Tampering Alarm	Yes
Scene change	Yes
Missing / Added	Yes
Audio detect	Yes
Face detect	Yes
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
RS-485 interface	Yes, 1x
Alarm management	HTTP, FTP, SMTP
Schedule	Yes
Management software support	Many VMS
Security features	HTTPS, SSL, IP Filter
Supported protocols	HTTP, TCP, UDP, SMTP, NTP, IPv4, IPv6, RTSP, FTP
Supported software standards	ONVIF, PSIA, CGI
Internal memory	Micro SDHC card (optional)
Ethernet connector	RJ-45
Ethernet standards	10Base-T/100Base-TX/1000Base-TX
Classification	-
Housing colour	White
Housing material	Aluminium
IR distance (m. ca.)	No IR-LED
Voltage	12 V DC / 24 V AC / PoE
PoE standard	IEEE 802.3af
Power consumption (watt)	10
Operating temperature (°C)	-20 to +60
Storage temperature (°C)	0 to +60
Rel. humidity (%)	Max. 95, non-condensing
Dimensions WxHxD (mm)	71,4 x 65,5 x 135,4
Weight	300 g
Identifier	CE, RoHS
Items included in delivery	CD, software, user manual

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Note:

The lens shown in the picture and a SD card are not included in the delivery.

► **Recommended Accessories**

VCA-12V-1.5ASA	SANTEC stabilized power supply unit 230V AC/12V DC, 1.5 A, with plug /adapter
VA-13WIK	Wall bracket for indoor metal, beige
VA-13WIK/10	Set 10pcs. wall brackets VA-13WIK wall bracket for indoor
17550DN	SANTEC 4 MP Tag/Nacht Objektiv 5-50mm / F1.6
19012DN	Lens 12MP/4K 1/1.7", 10.5 - 42mm, C/CS mount
18161DN	SANTEC 5,0 MP Tag/Nacht Objektiv 1/2,5" 9-22 mm, DC, IR-corrected
SL940A	Theia Zoom lens, DC 9-40 mm lens up to 5MP, day/night
HEL-62D	SANTEC weather-proof housing, aluminium sunshield, IP-66
HEL-IR65D	SANTEC weather-proof housing IP-66 IR-LEDs up to 70 m
HPV42K2A700	Videotec Housing with IPM Module Camera Housing for IP-cameras
SNPS-12D2	SANTEC stabilized power supply 12 V DC, 1.5 A, plug / adapter