SNC-231RDIA

SANTEC 2 MP IP dome camera
2,7-12mm mot. lens, 120 dB WDR, PoE

PRODUCT DESCRIPTION

▶ **Application:**

SANTEC SNC-231RDIA is an 3-axis dome camera with integrated IR-LEDs and it is the perfect solution for all 24/7 indoor and outdoor applications. This IP camera has a weather-proof housing (IP-66) and is vandal-proof (IK10). Thanks to 2 megapixel resolution, the images are very clear hence no detail is undetected. The camera comes with features such as 3DNR for noise reduction, 120 dB True Wide Dynamic Range (True WDR), PoE and micro-SD card slot, to name but a few.

▶ **Technical specifications:**

Type	IP day/night dome camera
Sensor type	1/2.7" Progessive scan CMOS
Picture resolution (pixel)	2 MP (1920x1080)
Video codec	H.264 / MJPEG
Max. frame rate (fps)	25 fps at 1080p
Number of video streams	3 (1x Main, 2x Sub)
Lens mount	Intern
Iris control	DC
S/N ratio (dB)	< 50dB
Lens type	3x autofocus lens
Focal length	2,7 - 12 mm / F1.4
Angle of view (horizontal)	100° - 33°
Sensitivity (Lux)	0.01Lux (Color) / 0Lux (IR on)
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(120dB)
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
Motion detection	Yes
Motion detection (zones)	Yes
Camera title	Yes
Video output	Yes
Audio support	Yes
Audio in-/outputs	1 / 1
Audio codec	G.711a / G.711Mu / AAC
Alarm contacts I/O	1 / 1
Alarm management	HTTP, FTP, SMTP
Schedule	Yes
Management software support	Many VMS
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Security features	HTTPS, SSL, IP Filter
Supported protocols	HTTP,TCP,UDP,UPNP,BONJOUR,DHCP,FTP, SMTP, RTSP etc
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	10/100Base-T
Classification	IP-66, IK10
Vandal-proof	Yes, acc. to IK10
Heater	No
Installation	Wall and ceiling mount
3 axis	yes
Camera mounting	Screw mounting
Housing colour	White
Housing material	Metal / Plastic
Integrated IR-LEDs	Yes, Smart IR

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▶ **Technical specifications:**

IR-LED illuminant	15
IR distance (m. ca.)	50
Voltage	12 V DC / 24 V AC / PoE
PoE standard	IEEE 802.3af
Power consumption (watt)	10
Operating temperature (°C)	-30 to +60
Storage temperature (°C)	0 to +60
Rel. humidity (%)	Max. 95, non-condensing
Dimensions DxH (mm)	159 x 118
Weight	800 g
Identifier	CE, RoHS
Items included in delivery	CD, software, quick user guide

▶ **Note:**

SD card is not included.

▶ **Recommended Accessories**

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
SNCA-ICM-PFB201C	In-ceiling bracket suitable for SNC-231RDIA, SNC-241DDIA, SNC-431RDIA, SNC-831DDI
SNCA-MK-4633	Adapter plate for SNC-231RDIA, SNC-431RDIA, SNC-241DDIA, SNC-831DDIA
SNCA-CMT-4852	Ceiling Mount for SNC-211RSIA
SNCA-PM-4661	Mastadapter inkl. Spannbänder von 80 bis 130 mm
SNCA-WM-4645	Wall bracket for IP cameras