



SNC-441RDIAEH

4MP IR-Dome, H.265(+), TrueWDR, IVA, PoE
2,7-13,5 mm lens, IP66, ePoE, with heater

PRODUCT DESCRIPTION

► Application:

SANTEC SNC-441RDIAEH is a 4 MP 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 4 megapixel resolution, the images are very clear hence no detail is undetected. Due to the auto focus lens and the web interface the camera is easy to adjust. The camera comes with features such as 3DNR for noise reduction, Wide Dynamic Range (WDR), PoE and micro-SD card slot, to name but a few.

► Technical specifications:

Type	IP day/night IR dome camera
Sensor type	1/3" Progressive Scan CMOS
Max. Picture resolution (pixel)	4 MP (2688x1520)
Video codec	H.264, H.265, MJPEG, H.264+, H.265+
Max. frame rate (fps)	25 fps@4MP
Number of video streams	3 (1x Main, 2x Sub)
Lens mount	Intern
Iris control	DC
S/N ratio (dB)	< 50dB
Lens type	5x autofocus lens
Focal length	2,7 - 13,5 mm
Angle of view (horizontal)	106° - 31°
Angle of view (vertical)	58° - 17°
Sensitivity (Lux)	0,05lx (color)
Sensitivity (Lux)	0Lux (IR on)
IR cut filter	IR-Cut filter (mechanical)
Day/night mode adjustment	Auto / color / B/W

► Technical specifications:

Automatic gain control (AGC)	Yes
Digital noise reduction (DNR)	2NR / 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	16x, adjustable
Features	-----
Mirroring (vertical)	Yes
Picture flip (horizontal)	Yes
Privacy zones	Yes, 4 zones
Region of Interest (ROI)	Yes, 4 zones
IVA via ONVIF Motion	Yes
People counting (IVA+)	Yes
Heatmap (IVA+)	Yes
Tripwire (IVA)	Yes
Intrusion (IVA)	Yes
Tampering Alarm	Yes
Scene change (tampering)	Yes
IVS Missing / Added	Yes
Audio detect (IVA)	Yes
Face detect (IVA)	Yes
Motion detection	Yes
Motion detection (zones)	4
Camera title	Yes
Schedule	Yes
Interface	-----
Video output	Yes
Audio support	Yes
Audio in-/outputs	1 / 1
Audio codec	G.711a / G.711Mu / AAC / G.726
Alarm contacts I/O	1/1 -> Input: 5mA/5VDC / Output: 300mA/12VDC
Internal memory	Micro SD (optional), max. 128 GB
Remote	-----
Alarm management	HTTP, FTP, SMTP
Management software support	Many VMS
Supported browser	Internet Explorer 11
Cloud service	Yes, BURG-WÄCHTER cloud
Smartphone App	BurgCam App
Security features	HTTPS, SSL, IP Filter
Supported protocols	HTTP, TCP, NTP, IPv4, IPv6, DHCP, TELNET, ONVIF, FTP
Supported software standards	ONVIF, PSIA, CGI
Network	-----
Ethernet connector	RJ-45
Ethernet standards	10/100Base-T

► Technical specifications:

PoE standard	IEEE802.3at
POE Class	4
ePoE / Long-Range-PoE	Yes, up to 400m (with ePoE switch)
General	-----
Classification	IP-66, IK10
Vandal-proof	Yes, acc. to IK10
Heater	Yes
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, off, manual
Wavelength IR-LED	850 nm
IR-LED illuminant	3
IR distance (m. ca.)	50
DORI max. (Detect-Observe-Recognize-Identify)	208m - 83m - 41m - 20m
DORI min. (Detect-Observe-Recognize-Identify)	64m - 26m - 13m - 6.5m
Voltage	12 V DC / 24 V AC / PoE
Max. Power consumption (watt)	15
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	0,95 kg
Identifier	CE, RoHS
Items included in delivery	CD, software, quick user guide
Specials	Cable distance up to 400m (with ePoE switch)

► 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
SANPOWER-MS01BL	1-channel 30 W PoE power injector 56V, 30 W
SNPS-12D2	SANTEC stabilized power supply 12 V DC, 1.5 A, plug / adapter
SNCA-ICM-PFB201C	In-ceiling bracket suitable for see recommended accessories
SNCA-MK-4633	Adapter plate for SNC-231RDIA, SNC-431RDIA, SNC-241DDIA, SNC-831DDIA
SNCA-CMT-4852	Ceiling Mount for SANTEC IP Speed-Dome
SNCA-PM-4661	Mastadapter inkl. Spannbänder von 80 bis 130 mm
SNCA-WM-4645	Wall bracket for IP cameras
SNCA-MK-4632	Adapter for SNC-831DDIA, Suitable for: see recommended accessories
SANSWITCH-10430	4-Port ePoE Switch For transmission over 800m