



### BWNC-442RDIAEH

4MP IR-Dome,H.265(+),TrueWDR,IVA,PoE  
2,7-12mm lens,IP67,ePoE, with heater

## PRODUCT DESCRIPTION

### ► Application:

SANTEC SNC-442RDIAEH 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
Decoding / Video / Lens	>>>>DECODING/VIDEO/LENS<<<<<<
Sensor type	1/1.8" 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	2.7~12mm, F1.8
Aperture (max)	F1.8
Angle of view (horizontal)	114° - 47°
Angle of view (vertical)	62° - 26°
Sensitivity (Lux)	0,002lx (color)

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► **Technical specifications:**

Sensitivity (Lux)	0Lux (IR on)
IR cut filter	IR-Cut filter (mechanical)
MOD (minimum object distance)	1,3m
DETECT-OBSERVE-RECOGNIZ E-IDENTIFY	>DETECT-OBSERVE-RECOGNIZE-IDENTIFY<
DORI max. (Detect-Observe-Recognize-Ident ify)	133m - 53m - 27m - 13m
DORI min. (Detect-Observe-Recognize-Ident ify)	63m - 25m - 13m - 6m
Features	>>>>>>>>>FEATURES<<<<<<<<<<<<
Digital zoom	16x, adjustable
Day/night mode adjustment	Auto / color / B/W
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, TrueWDR(120dB)
Wide dynamic range (WDR)	140 dB WDR (Super TrueWDR)
Mirroring (vertical)	Yes
Picture flip (horizontal)	Yes
Privacy zones	Yes, 4 zones
Region of Interest (ROI)	Yes, 4 zones
Camera title	Yes
Schedule	Yes
ANR (automatic network reproduction)	Yes (for records)
Video analysis	>>>>>>>>>Videoanalytics<<<<<<<<<<<<
IVA via ONVIF Motion	Yes
People counting (IVA+)	Yes
People in Area	Yes, 4 areas
Heatmap (IVA+)	No
Tripwire (IVA)	Yes
Intrusion (IVA)	Yes
Tampering Alarm	Yes
Scene change (tampering)	Yes
IVA Missing / Added	Yes
Audio detect (IVA)	Yes
Face detect (IVA)	Yes
Motion detection	Yes
Motion detection (zones)	4
Interface	>>>>>>>>>INTERFACE<<<<<<<<<<<<
Video output	Yes

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**► Technical specifications:**

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
Network	>>>>>>>>>NETWORK<<<<<<<<<<<<<<<
Ethernet connector	RJ-45
Ethernet standards	10/100Base-T
PoE standard	IEEE802.3at
POE Class	4
ePoE / Long-Range-PoE	Yes, up to 250m (with ePoE switch)
Remote	>>>>>>>>>REMOTE<<<<<<<<<<<<<<<
Alarm management	HTTP, FTP, SMTP
Management software support	Many VMS
Supported browser	Internet Explorer 11, Chrome, Firefox, and more
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
Edge Recording	NAS(NFS), local PC, micro SD card,FTP
General	>>>>>>>>>GENERAL<<<<<<<<<<<<<<<
Classification	IP67, 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 LED	850 nm
IR-LED illuminant	3
IR distance (m. ca.)	40
Smart IR	Yes
Voltage	12VDC +/-25%, 24VAC +/-25%
Max. Power consumption (watt)	17.5
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

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### ► Technical specifications:

Specials

Cable distance up to 800m (with ePoE switch) exkl.

### ► Note:

SD card is not included.

### ► Weitere Bilder:



### ► Recommended Accessories

SNPS-12D2	SANTEC stabilized power supply 12 V DC, 1.5 A, plug
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