



### SNC-231RZNA

SANTEC 2 MP full HD IP speed dome  
4x optical zoom, 12 V DC, Poe

## PRODUCT DESCRIPTION

### ► Application:

SANTEC SNC-231RZNA speed dome fulfils all your needs. It comes with 2 megapixel (1080p) resolution and the integrated 4x optical motor zoom lens with 2.7-11mm focal length produce excellent images in almost every situation. 2D/3DNR and True WDR (120dB) considerably improve the image quality. Due to IP-66 classification, the camera is protected against bad weather and always ready for use. PoE is an alternative way of power supply for this dome.

### ► Technical specifications:

Type	IP-Speed Dome
Sensor type	1/2.7" Progressive scan CMOS
Picture resolution (pixel)	2 MP (1920x1080)
Video codec	H.264, H.264B, H.264H, MJPEG
Max. frame rate (fps)	25 at 2 MP (1920x1080)
Number of video streams	3 (individually adjustable)
Signal processing	Digital (DSP)
Synchronisation	Intern
S/N ratio (dB)	>50 dB
Lens mount	Board mount
Iris control	DC
Lens type	Motor zoom lens
Focal length	2,7 - 11 mm / F1.6 - F2.8
Angle of view (horizontal)	93.5° - 30.24°
Sensitivity (Lux)	0.05 (color) / 0.005 (B/W)
IR cut filter	IR-Cut filter (mechanical)

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Our products undergo constant development. Please refer to the price list for our most up-to-date product program. Errors and omissions excluded. No responsibility accepted for accuracy of images.

### ► Technical specifications:

Day/night mode adjustment	Auto / color / B/W
Automatic gain control (AGC)	AGC, manual
Digital noise reduction (DNR)	2NR / 3DNR
White balance	Auto / ATW / indoor / outdoor / manual
Backlight compensation	BLC, HLC, WDR(120dB)
Wide dynamic range (WDR)	120 dB WDR (True WDR)
Zoom range (opt./dig.)	4-fach / 16-fach
Image stabilisation	No
Mirroring (vertical)	Yes
Picture flip (horizontal)	Yes
Motion detection (zones)	Yes
Privacy zones	24
Region of Interest (ROI)	Yes
Tripwire	Yes
Intrusion	Yes
Tampering Alarm	Yes
Scene change	Yes
Missing / Added	Yes
Audio detect	No
Face detect	Yes
Camera title	Yes
Preset positions	300
Auto scan	Yes
Tours	8
Pattern	5
Rotation radius	355°
Rotation speed	100°/s.
Preset speed	Pan: 100°/s, Tilt: 60°/s
Tilt angle (°)	0° to 90° (Auto Flip)
Tilt speed	0,1° to 60° /s
Parking position	Yes
Audio support	No
Audio in-/outputs	No
Audio codec	-
Alarm inputs	No
Alarm outputs	No
Alarm contacts I/O	0 / 0
Control interface	No
Alarm management	HTTP, FTP, SMTP
Management software support	Many VMS
BURG-WÄCHTER cloud	Yes
Security features	HTTPS, SSL, IP Filter
Supported protocols	HTTP, TCP, UDP, DHCP, SMTP, UPnP, NTP, IPv4, IPv6, RTSP
Supported software standards	ONVIF, PSIA, CGI

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### ► Technical specifications:

Internal memory	Micro SD (optional), max. 128 GB
Ethernet connector	RJ-45
Ethernet standards	10/100 Base-T
Power over Ethernet (PoE)	IEEE 802.3at
RS-485 interface	No
Control protocols	n.a.
Classification	IP-66
Vandal-proof	Yes, acc. to IK10
Heater	No
Installation	Ceiling mount
Camera mounting	Screw mounting
Housing colour	White
Housing material	Aluminium
IR spotlight	No
Voltage	12 V DC / PoE
Power consumption (watt)	10
Operating temperature (°C)	-20 to +60
Rel. humidity (%)	Max. 95, non-condensing
Dimensions DxH (mm)	122 x 89
Weight	600 g
Identifier	CE, FCC, RoHs
Items included in delivery	CD, quick user guide

### ► Note:

SD card is not included.

### ► Recommended Accessories

SNCA-WM-4644 wall bracket for SNC-431FEIF, 211FDIA, SCC-241KDIA, SNC-231RZNA