## 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:**

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|---|---|
| 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) | 99° - 34° |
| 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:

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|---|---|
| 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 | Yes, 4 zones |
| Region of Interest (ROI) | 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) | 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 |
| BURG-WÄCHTER cloud | Yes |
| Security features | HTTPS, SSL, IP Filter |
| Supported protocols | HTTP,TCP,UDP,UPNP,DHCP,FTP, SMTP, RTSP |
| 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:

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|---|---|
| IR-LED illuminant | 15 |
| IR distance (m. ca.) | 50 |
| Voltage | 12 V DC / 24 V AC / PoE |
| PoE standard | IEEE 802.3af |
| Max. Power consumption (watt) | 10 |
| DORI max. (Detect-Observe-Recognize-Identify) | 133m - 53m - 27m - 13m |
| DORI min. (Detect-Observe-Recognize-Identify) | 48m - 19m - 10m - 5m |
| 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 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 |

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