## SNC-231RBIA

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

## PRODUCT DESCRIPTION

### ▶ Application:

SANTEC SNC-231RBIA is an outdoor IP camera with integrated IR LEDs. It is the ideal camera for 24/7 applications. Thanks to 2 megapixel resolution and the IR LEDs, the camera produces detailed real-time images at day and night. The integrated 4x motor zoom lens with 2,7-12 mm focal length can easily be adjusted using the web interface. The camera has versatile installation and application options thanks to its slim design and the comprehensive set of accessories.

### ▶ Technical specifications:

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|---|---|
| Type | IP Day/Night bullet 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 |
| Lens type | Motorized DC vario lens |
| Focal length | 2.7 - 12 mm / F1.4 |
| Angle of view (horizontal) | 100° - 33° |
| Sensitivity (Lux) | 0.01 (Color) / 0 (IR) |
| S/N ratio (dB) | < 50db |
| 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) | 2NR / 3DNR |
| Shutter (sec.) | 1/3 - 1/100,000 |
| White balance | Auto / sunny / night / outdoor / manual |
| Backlight compensation | BLC, HLC, WDR |
| Wide dynamic range (WDR) | 120 dB WDR (True WDR) |
| Number of users | 20 |
| 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) | 4 |
| Camera title | Yes |
| Video output | BNC, 75 Ohm 1 Vpp |
| Audio support | Yes |
| Audio in-/outputs | 1 / 1 |
| Audio codec | G.711a / G.711Mu / AAC |
| Alarm contacts I/O | 2 / 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 | UPNP, BONJOUR, DHCP, FTP, HTTP, 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 | 10/100 Base-T |
| Classification | IP-66 |
| Vandal-proof | No |
| Heater | No |
| Installation | Wall mount |
| Camera mounting | Screw mounting |
| Housing colour | White |
| Housing material | Metal |
| Integrated IR-LEDs | Yes |

▶ **Technical specifications:**

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|---|---|
| Wavelength IR-LED | 850 nm |
| IR distance (m. ca.) | 50 |
| Voltage | 12 V DC / PoE |
| PoE standard | IEEE 802.3af |
| Power consumption (watt) | 11.5 max |
| Operating temperature (°C) | -40 to +60 |
| Storage temperature (°C) | 0 to +60 |
| Rel. humidity (%) | Max. 95, non-condensing |
| Dimensions WxHxD (mm) | 280 x 98 x 95 |
| Weight | 1100 g |
| Identifier | CE, RoHS |
| Items included in delivery | CD, software, quick user guide |

▶ **Note:**

SD card is not included.

▶ **Recommended Accessories**

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| SNCA-PM-4661 | Mastadapter inkl. Spannbänder von 80 bis 130 mm |
| SNCA-CM-4670 | Corner Mount Adapter for SNCA-JB-4640, -WM-4642 (SNC-211RSIA) |
| SNCA-MK-4530 | Adapter / Junction box for SNC-311RBIA and SNC-431RBIA |
| 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-MS01BL | 1-channel 30 W PoE power injector 56V, 30 W |