



BWNC-442RBIAEH

4MP IR-Bulletkamera, H.265(+), TrueWDR, IVA, PoE
2,7-12mm Objekt., IP67, ePoE, IK10, integr. Heizung

PRODUCT DESCRIPTION

► Application:

Die SANTEC BW Kameras der SNC-442-E Serie, verfügen über ein ePoE Modul, mit dem eine Netzwerkübertragung von bis zu 800m erreicht wird. Zudem kann mittels H.265 (+) Codec, die benötigte Bandbreite, bei gleicher Bildqualität, nahezu halbiert werden. Dank der erweiterten Video Analyse Funktionen kann die Kamera universell für Überwachungsaufgaben, in Bereichen wie Retail, Objektüberwachung, Produktionsüberwachung, etc. eingesetzt werden. Die leistungsstarke Hardware wurde mit einem neuen Bildsensor für brillante Farben, einem mehr als viermal so schnellen DSP und doppelt soviel Arbeitsspeicher wie das Vorgängermodell ausgestattet.

► Technical specifications:

Type	IP Day/Night IR bullet 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)	25/30fps @ 4MP; 50/60 @i 2MP
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
Angle of view (horizontal)	114° - 47°
Angle of view (vertical)	62° - 26°
Sensitivity (Lux)	0,005lx (color)

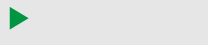
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► **Technical specifications:**

Sensitivity (Lux)	0Lux (IR on)
IR cut filter	IR-Cut filter (mechanical)
Shutter (sec.)	1/3 - 1/100,000
MOD (minimum object distance)	0,3m
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)	49m - 20m - 10m - 5m
Features	>>>>>>>>>>>FEATURES<<<<<<<<<<<<<<<<
Day/night mode adjustment	Auto / color / B/W
Automatic gain control (AGC)	Yes
Digital noise reduction (DNR)	2NR / 3DNR
White balance	Auto / sunny / night / outdoor / manual
Backlight compensation	BLC, HLC, TrueWDR(120dB)
Wide dynamic range (WDR)	120 dB WDR (True WDR)
Digital zoom	16x, adjustable
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+)	Yes
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, 4 zones
Interface	>>>>>>>>>>>INTERFACE<<<<<<<<<<<<<<<<
Video output	Yes
Audio support	Yes
Audio in-/outputs	1 / 1

► Technical specifications:

Audio codec	G.711a / G.711Mu / AAC / G.726
Alarm contacts I/O	2/1 -> 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
ePoE / Long-Range-PoE	Yes, up to 400m (with ePoE switch)
Remote	>>>>>>>>>>REMOTE<<<<<<<<<<<<<<
Alarm management	HTTP, FTP, SMTP, ONVIF
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	IP-67
Vandal-proof	No
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, off, manual
Wavelength LED	850 nm
IR-LED illuminant	4
IR distance (m. ca.)	50
Smart IR	Yes
Voltage	=12V DC ±25%, PoE+ (802.3at)(Class 4)
Max. Power consumption (watt)	<16,4
Operating temperature (°C)	-40° bis + 60°
Storage temperature (°C)	0 to +60
Rel. humidity (%)	Max. 95, non-condensing
Dimensions WxHxD (mm)	98 x 95 x 280
Weight	1110 g
Identifier	CE, RoHS
Items included in delivery	CD, software, quick user guide
Specials	Cable distance up to 800m (with ePoE switch)



Note:

Eine SD-Karte ist nicht im Lieferumfang enthalten. Die Reichweite der IR- Strahler ist stark abhängig vom Einsatzort und von der Umgebung. Stark absorbierende Flächen, wie z.B. dunkle raue Strukturen (Boden, Rasen, Asphalt) können zu einer deutlichen Verringerung der maximalen Reichweite führen.

► Recommended Accessories

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
SNCA-MK-4530	Adapter / Junction box for suitable for SANTEC cameras
SNCA-PM-4661	Mastadapter inkl. Spannbänder von 80 bis 130 mm
SNCA-CM-4670	Corner Mount Adapter for see recommended accessories
SANSWITCH-10430	4-Port ePoE Switch For transmission over 800m