



### SNC-441FBIFE

SANTEC 4 MP IVA Mini IP-bullet camera, 120dB WDR  
3,6 mm fix lens , IR-LED, IP-66,ePoE

## PRODUCT DESCRIPTION

### ► Application:

Die SANTEC BW Kameras der SNC-441-E Serie, verfügen über ein ePoE Modul, mit dem eine Netzwerkübertragung von bis zu 400m 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	-----
Sensor type	1/3" Progressive Scan CMOS
Effective pixel	2688(H) x 1520(V)
Max. Picture resolution (pixel)	4MP(2688x1520)/2MP(1920x1080)/1MP(1280x720)
Picture resolution (pixel)	D1 (704x576) / CIF (352x288 / 320x240)
Video codec	H.264, H.264+, H.265, H.265+
Streaming Method	Unicast / Multicast
Max. frame rate (fps)	25/30fps at 4MP / 50/60fps at 2MP/1MP
Bit Rate Control	CBR / VBR
Bit Rate per channel	H.264:24-10240Kbps;H.265:14-6144Kbps
Number of video streams	3 (individually adjustable)
Lens mount	Intern
Lens type	Fixlens
Focal length	3,6 mm / F2.0

## ► Technical specifications:

Optical zoom	-
Digital zoom	16x
Angle of view (horizontal)	87°
Angle of view (vertical)	48°
Pan/Tilt/Rotation Range	Pan: 0°-360° ;Tilt:0°-90° ;Rotation:0°-360°
Sensitivity (Lux)	0,08 Lux, F2.0 (color)
Sensitivity (Lux)	0 Lux, F2.0 (IR on)
S/N ratio (dB)	>50 dB
IR cut filter	ICR-IR-Cut filter
Day/night mode adjustment	Auto (ICR) / color / B/W
Automatic gain control (AGC)	AGC, manual
Digital noise reduction (DNR)	2NR / 3DNR
White balance	Auto/Natural/Street Lamp/Outdoor/Manual
Backlight compensation	BLC, HLC, WDR(120dB)
Wide dynamic range (WDR)	120 dB WDR (True WDR)
Defog function	No
Electronic Image Stabilization (EIS)	No
Mirroring (vertical)	Yes
Picture flip (horizontal)	Yes
Camera title	Yes
Video output	No
Privacy zones	Yes, 4 zones
Region of Interest (ROI)	Yes, 4 zones
Motion detection	Yes, 4 zones
Tampering Alarm	Yes
Scene change (tampering)	Yes
IVA via ONVIF Motion	Yes
People counting (IVA+)	Yes
Heatmap (IVA+)	Yes
Tripwire (IVA)	Yes
Intrusion (IVA)	Yes
Object Apear and disappear (IVA)	Yes
Fast-Moving (IVA)	Yes
Crowd Gathering Estimation	Yes
Loitering detection (IVA)	Yes
Face detect (IVA)	Yes
Audio detect (IVA)	No
Audio in-/outputs	0 / 0
Audio codec	-
Alarm contacts I/O	0 / 0
Max number of users	10
Alarm management	HTTP, FTP, SMTP, ONVIF,NAS
Schedule	Yes
Management software support	Many VMS

## ► Technical specifications:

Supported browser	Internet Explorer 11
P2P support	Yes
Cloud service	Yes, BURG-WÄCHTER cloud
Smartphone App	BurgCam App
Push-Notification	Yes via mobile App. (Pro version!)
Security features	HTTPS, SSH, IP Filter
Supported protocols	HTTP,HTTPS,FTP,TCP,UDP, DHCP, SSH,NTP,ONVIF...
Supported software standards	ONVIF, PSIA, CGI
ONVIF version/profile	Profile S
SD-card slot	Yes, micro SD card up to 128GB
Edge Recording	NAS (NFS), local PC, micro SD card,FTP
Ethernet connector	RJ-45
Ethernet standards	10/100Base-T
Ethernet speed	10 / 100 Mbit
Classification	IP-66
Vandal-proof	No
Heater	No
Installation	Wall mount, ceiling mount and pole mount
Camera mounting	Screw mounting
Housing colour	White
Housing material	Aluminium
Integrated IR-LEDs	Yes
Wavelength IR-LED	850 nm
IR-LED illuminant	2
IR distance (m. ca.)	40
Smart IR	Yes
DORI max. (Detect-Observe-Recognize-Identify)	80m - 32m - 16m - 8m
Voltage	12 VDC (+/-25%), PoE
Max. Power consumption (watt)	6 (IR on)
PoE standard	IEEE802.3af, ePoE
ePoE / Long-Range-PoE	Yes, up to 800m (with ePoE switch (53V))
Operating temperature (°C)	-30 to +60
Storage temperature (°C)	0 to +60
Rel. humidity (%)	Max. 95, non-condensing
Dimensions WxHxD (mm)	70 x 70 x 178,4
Weight	410g
Identifier	CE, FCC, RoHs, UL
Items included in delivery	Mounting drawing paper,screws,CD,QIG+sec. note
Specials	ePoE function, IVA

## ► Recommended Accessories

SNPS-12D2	SANTEC stabilized power supply 12 V DC, 1.5 A, plug / adapter
VCA-12V-1.5ASA	SANTEC stabilized power supply unit 230V AC/12V DC, 1.5 A, with plug /adapter
SNCA-MK-4530	Adapter / Junction box for suitable for SANTEC cameras
SNCA-CM-4670	Corner Mount Adapter for see recommended accessories
SNCA-PM-4661	Mastadapter inkl. Spannbänder von 80 bis 130 mm
SANPOWER-MS01L	1-channel PoE power supply 48V DC
SANSWITCH-10430	4-Port ePoE Switch For transmission over 800m