



## SFC-241KEIM

SANTEC Day/Night 2MP dome camera  
2,7 - 12 mm, IP 66

### PRODUCT DESCRIPTION

#### ► Application:

SANTEC SFC day/night bullet camera for indoor and outdoor applications, IP-66 classification. Due to the built-in IR-LEDs (range: up to 30m) and the 6mm lens, the camera is suitable for day as well as for night applications. The camera has an excellent resolution of 1080p at 25 fps. The camera comes with a wall bracket with integrated cable management.

#### ► Technical specifications:

Type	HD-CVI Day/Night IR dome camera
Video signal	HD-CVI, TVI, AHD, CVBS (analogue)
Sensor	1/2.9" CMOS
Sensor type	Progressive scan CMOS
Resolution	1080p / 720p
Max. frame rate (fps)	25/30fps@1080P, 25/30/50/60@720P
Effective pixel	1920x1080
Signal processing	Digital (DSP)
Synchronisation	Intern
S/N ratio (dB)	< 65dB
Lens mount	Intern
Iris control	Auto/manual
Lens type	DC vario lens
Focal length	2,7 - 12 mm / F1.4
Angle of view (horizontal)	102° - 28°
IR cut filter	IR-Cut filter (mechanical)
Sensitivity (Lux)	0,02 Lux (color) / 0,0 Lux (IR on)

SANTEC BW AG  
An der Strusbek 31, 22926 Ahrensburg, Germany  
Tel.: +49 4102 4798 0, Fax: +49 4102 4798 10  
santec\_info@burg.biz, www.santec-video.com



► **Technical specifications:**

Automatic gain control (AGC)	AGC
Digital noise reduction (DNR)	2D
Shutter (sec.)	1/25 - 1/100.000
White balance	AWB / manual
Backlight compensation	BLC, HLC, WDR
Wide dynamic range (WDR)	DWDR
Day/night mode adjustment	Auto / manual
Camera adjustments	OSD -> recorder menu
Auto focus	No
Focus control	Manual
Mirroring (vertical)	Yes
Picture flip (horizontal)	Yes
Motion detection (zones)	Yes (via recorder)
Privacy zones	Yes, 8 zones
Camera title	Yes
Video output	BNC, 75 Ohm 1 Vpp
Switch input contacts	No
Switch output contacts	No
Control interface	HDCVI (coax)
Classification	IP-66
Vandal-proof	No
Installation	Wall mount, ceiling mount and pole mount
Camera mounting	Screw mounting
Housing colour	White
Housing material	Aluminium
Integrated IR-LEDs	Yes
IR range (m)	up to 30
IR wave length	850
Voltage	12 V DC
Max. Power consumption (watt)	4,2
DORI max. (Detect-Observe-Recognize-Identify)	122m - 49m - 24m - 12m
DORI min. (Detect-Observe-Recognize-Identify)	47m - 18m - 9m - 4m
Operating temperature (°C)	-20 to +60
Rel. humidity (%)	Max. 95, non-condensing
Dimensions ØxH (mm)	119x97,4
Weight	0,56 Kg
Identifier	CE, FCC, RoHs, UL
Specials	Multi-norm: HDCVI, AHD, TVI, CVBS

► SANTEC BW AG  
 An der Strusbek 31, 22926 Ahrensburg, Germany  
 Tel.: +49 4102 4798 0, Fax: +49 4102 4798 10  
 santec\_info@burg.biz, www.santec-video.com



**Note:**

Please note: By default, the camera is set to HD-CVI mode. If you wish to change this mode to another one (e.g. CVBS), you can do so by using controller SFB-100 (see "recommended accessories"). Please note that controller SFB-100 is not included in the delivery but needs to be ordered separately. The range of the built-in IR-LEDs strongly depends on the location and the surroundings. Strongly absorbent surfaces, e.g. dark, rough structures (floor, lawn or asphalt), may lead to a considerable reduction of the maximum range.

► **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-WM-204W	Wall bracket for SNC-431FEIF, SNC-431FDIF
SNCA-PM-4661	Mastadapter inkl. Spannbänder von 80 bis 130 mm
SFB-100	SFC controller switch for HD-CVI, AHD, TVI and CVBS
SNCA-MK-13B	junction box for SANTEC cameras