



SWC-241RBIF-T7

Thermal-Mini-Hybrid-Bullet-Camera Lens Thermal:
3,5mm, Visual:4mm, IP67, ePoE, AIVA + fire warning

PRODUCT DESCRIPTION

► Application:

The SANTEC thermal imaging cameras allow the following even in total darkness or under difficult conditions such as smoke, haze, dust and fog, to detect persons and objects. Due to AI video analysis, vehicles and persons can be detected by the SWC-241RBIF and distinguished from other objects. Thanks to real and thermal images, events can be detected early and directly verified. Due to the integrated white light emitter and loudspeaker, people can be targeted, automated, addressed and illuminated.

► Technical specifications:

Type	IP-thermal imaging camera
Decoding / Video / Lens	>>>>DECODING/VIDEO/LENS<<<<<<
Sensor type real image	1/2.8" Progressive scan CMOS
Max. Picture resolution (pixel)	2 MP (1920x1080)
Thermal picture resolution (pixel)	256(H)x192(V) ; interpolated: 1280x960
Video codec	H.265(H)/H.264(B,M,H)/MJPEG
Max. frame rate (fps)	25 at 2 MP (1920x1080)
Number of video streams	2 (1x Main, 1x Sub)
Lens mount	Intern
Iris control	internal, DC
S/N ratio (dB)	< 50dB
Lens type	Fixlens
Focal length	Thermal: 7 mm / Visuell: 8 mm / F1.9
Angle of view (horizontal)	Thermal: 24° / Visual: 40°
Angle of view (vertical)	Thermal: 18° / Visual: 22°
Sensitivity (Lux)	0,005lx (color)

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► **Technical specifications:**

Sensitivity (Lux)	0,0005lx (IR on)
IR cut filter	IR-Cut filter (mechanical)
DETECT-OBSERVE-RECOGNIZ E-IDENTIFY	>DETECT-OBSERVE-RECOGNIZE-IDENTIFY<
(Man) D-etection R-ecognition I-dentification	292m - 75m - 38m
(Vehicle) D-etection R-ecognition I-dentification	778m - 194m - 97m
Features	>>>>>>>>>FEATURES<<<<<<<<<<<<<<<
Day/night mode adjustment	Auto / color / B/W
Automatic gain control (AGC)	Yes
Digital noise reduction (DNR)	Ultra 3DNR
Shutter (sec.)	1/1 - 1/30,000
White balance	Auto, manually and others
Backlight compensation	BLC, HLC, WDR
Wide dynamic range (WDR)	Yes, 100dB
Defog function	Yes, digital
PIP (picture-in-picture) function	Yes
Digital zoom	Yes
Mirroring (vertical)	Yes
Video fusion	Yes
Picture flip (horizontal)	Yes
Privacy zones	Yes, 4 zones
Region of Interest (ROI)	Yes, 4 zones
Camera title	Yes
Smart IR	Yes
temperatur measurement	>>>>>>>>>Temperatur measurement<<<<<<<<<<<<<<<
Temperature measurement	Yes
Temperature alarm	Yes
Temperaturerange	Low (-20°C to +150°C), High (0°C to +550°C)
simultaneously measurement	12 measurements
temperature accuracy	+5%
Spot measurement	12 spots
Temperature lines	12 lines
Area measurement	12 areas
Video analysis	>>>>>>>>>Videoanalytics<<<<<<<<<<<<<<<
IVA via ONVIF Motion	No
People counting (IVA+)	No
Heatmap (IVA+)	No
Fire detection	Yes
Tripwire (IVA)	Yes
Intrusion (IVA)	Yes
Tampering Alarm	Yes
Scene change (tampering)	Yes

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► Technical specifications:

IVA Missing / Added	Yes
Audio detect (IVA)	Yes
Face detect (IVA)	No
Motion detection	Yes, 4 areas
fire detection	Yes
Smoke detection	Yes
AIVA:People and vehicles	Yes
Interface	>>>>>>>>INTERFACE<<<<<<<<<<<<<<
Video output	Yes
Audio support	Yes, integrated speaker
Audio in-/outputs	1 / 1
Microphone	No
Audio codec	G.711a / G711u / AAC
Alarm contacts I/O	2 / 2
Internal memory	Micro SD (optional), max. 256 GB
Network	>>>>>>>>NETWORK<<<<<<<<<<<<<<
Ethernet connector	RJ-45
Ethernet standards	10/100Base-T
PoE standard	IEEE 802.3af and ePoE
Remote	>>>>>>>>REMOTE<<<<<<<<<<<<<<
Alarm management	HTTP, FTP, SMTP, ONVIF
Schedule	Yes
Storage	SD-Card, NAS (SMB, NFS), PC local
Management software support	Many VMS
Supported browser	diverse, Internet Explorer 11
Cloud service	Yes, BURG-WÄCHTER cloud
Security features	HTTPS, SSL, IP Filter, functional limitations
Supported protocols	HTTP, TCP, NTP, IPv4, IPv6, DHCP, TELNET, ONVIF, FTP
Supported software standards	ONVIF Profile S & G, PSIA, CGI
General	>>>>>>>>GENERAL<<<<<<<<<<<<<<
Classification	IP-67
Vandal-proof	No
Heater	No
Installation	Wall mount, ceiling mount and pole mount
3 axis	yes
Camera mounting	Screw mounting
Housing colour	White
Housing material	Metal / Plastic
Integrated IR-LEDs	Yes
Wavelength LED	850 nm
IR-LED illuminant	1
IR distance (m. ca.)	50
Voltage	=12V DC ±20%, (e)PoE (802.3af)
Max. Power consumption (watt)	max. 12W, regular mode: <5W

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► Technical specifications:

Operating temperature (°C)	-30 to +60
Rel. humidity (%)	Max. 95, non-condensing
Dimensions WxDxH (mm)	279,9 x 103,8 x 95,8
Weight	1,4 kgs
Identifier	CE, RoHS
Items included in delivery	CD, quick user guide
Specials	temperature measurment

► Note:

SD card is not included.

► Weitere Bilder:



► Recommended Accessories

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
16925	Remote online support price per one hour support