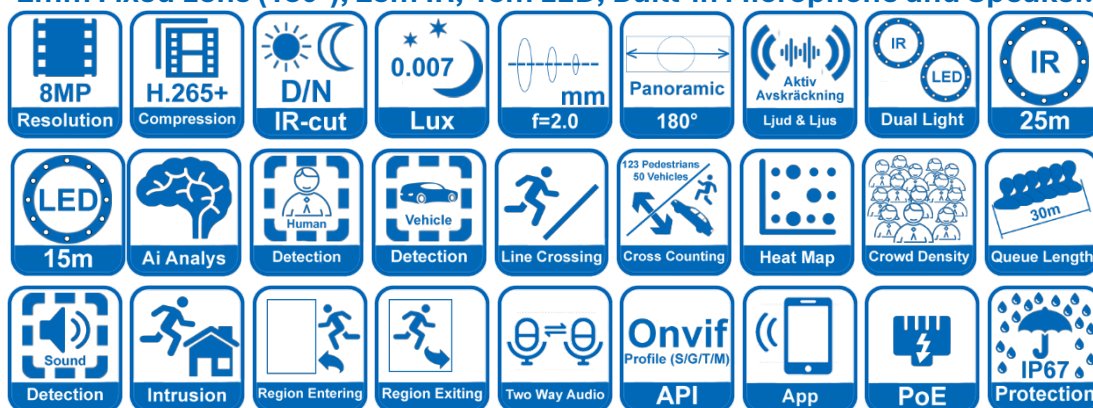


SV-8TUA-PAD/2515-2PW



8MP Panoramic Bullet Camera With Deep Learning-based Image Analysis, Active Deterrence, Starlight Sensor, Dual Light, Object Verification, Sound Detection, 2mm Fixed Lens (180°), 25m IR, 15m LED, Built-in Microphone and Speaker.



- Resolution: 8MP (4K Ultra HD 3840x2160).
- Lens: Fixed f=2.0mm/F2.4 (180°).
- Starlight Sensor.
- Min. Illumination: 0.007lux (0lux, IR on).
- Dual Light Sources.
- IR LED, range up to 25m.
- White LED illuminator, range up to 15m.
- 24/7 All-weather Color Images.
- Audio & Light alarm, Active deterrence.
- Two-way audio.
- Built-in microphone.
- Built-in speaker.
- AI Analytics based on deep learning:
 - AI Object Classification (Distinguishes Objects Such as Pedestrians and Vehicles) Perimeter Intrusion, Line Crossing, Cross Counting, Heat Map, Crowd Density, Queue Length, Intrusion, Object Detection, Region Entrance, Region Exiting.
- Supports backlight compensation, strong light suppression, 3D digital noise reduction, suitable for different video environments.
- MicroSD card support (256Gb).
- ONVIF(Profile S/G/T/M).
- IP67 Protection.
- Two way power - when connected to a PoE switch, it allows to power the low power receiver from the camera's power socket.

Specifications

IMAGE	
Image Sensor	8MP CMOS sensor 1/2.8" Sony Starvis
Number of Effective Pixels	3840 (H) x 2160 (V)
Min. Illumination	0.007lux/F2.4 -color mode 0lux (IR på) -B/W mode
Electronic Shutter	Auto/manual: 1/5s ~ 1/20000s
Digital Slow Shutter (DSS)	Up to 1/5s
Wide Dynamic Range (WDR)	Yes (double scan sensor) 120dB
Digital Noise Reduction (DNR)	2D, 3D
Highlight Compensation (HLC)	Yes
Back Light Compensation (BLC)	Yes
Reduction of image flicker (Antiflicker)	Yes
LENS	
Lens Type	M12
Point of view	Horizontal: 180° Vertical: 91° Diagonal: 180°
Focal length (zoom ratio)	Fixed lens, f=2.0mm/F2.4
Max. aperture ratio	F2.4
Minimum Object Distance	0.6m
DORI	Detection: 58m Observation: 23m Recognition: 11.6m Identification: 6m
DAY/NIGHT	
Switching Type	Mechanical IR cut filter
Switching Mode	Auto, manual, time
Switching Delay	1 ~ 36s

NETWORK

Stream Resolution	Main Stream: 3840x2160 (4K Ultra HD), 3072x1728, 2592 x 1520, 2304x1296, 1920x1080 (Full HD), 1280x960, 1280x720 (HD) Sub Stream: 1280x720 (HD), 640x480 (VGA) Mobile Stream: 640x480 (VGA)
Frame Rate	20fps for each resolution
Multistreaming Mode	3 streams (main stream, sub stream & mobile stream)
Video/Audio Compression	H.264+, H.265+, H.264, H.265, MJPEG/G.711
Number of Simultaneous Connections	Max. 3 connections, (max. 10 streams in total)
Bandwidth	40Mb/s total
Video quality adjustment	256Kbps ~ 16Mbps
Bitrate-kontrollmetod	CBR/VBR
IP	IPv4/v6
Network Protocols Support	HTTP, TCP/IP, HTTPS, DHCP, DNS, DDNS, NTP, RTSP, RTP, SMTP, P2P
Security	Complex password; Authenticated username and password
Application programming interface	ONVIF (Profile S/G/T/M)
Camera Configuration	From Internet Explorer, Edge, Firefox, Chrome, Safari browser Languages: English and others
Compatible Software	SafeVision VMS
Mobile applications	RxCamView (iPhone, Android)

OTHER FUNCTIONS

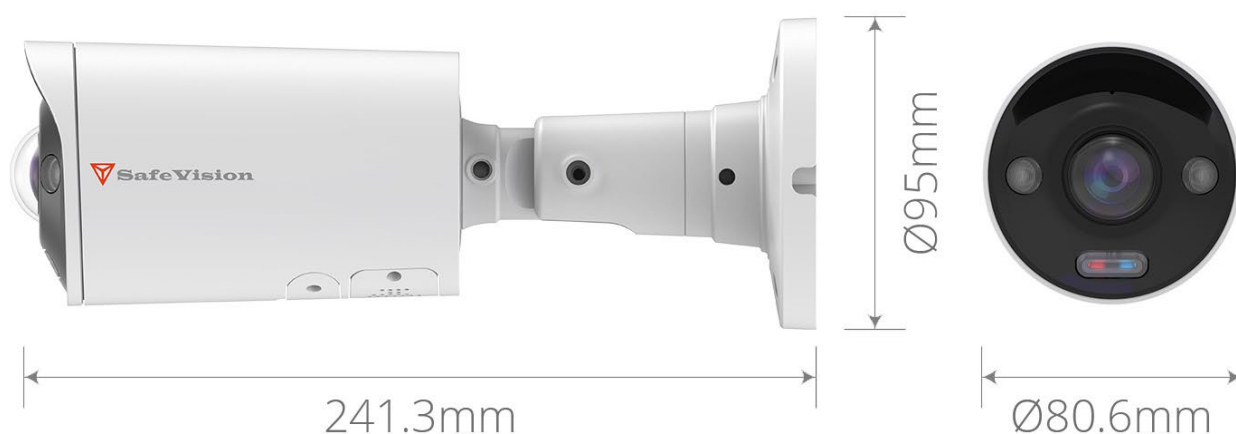
Privacy Zones	6 video mask type: single color
Motion Detection	Yes
AI Analytics	AI Object Classification (Distinguishes Objects Such as Pedestrians and Vehicles) Perimeter Intrusion, Line Crossing, Cross Counting, Heat Map, Crowd Density, Queue Length, Rare Sound Detection, Intrusion, Object Detection, Region Entrance, Region Exiting
Image setting	Full color mode, Day and night mode, Smart lighting
Image Processing	180° image rotation, vertical flip, horizontal flip
Prealarm/Postalarm	Up to 5s/up to 30s
System Reaction to Alarm Events	E-mail with attachment, saving file on SD card, active deterrent functions
Action in case of alarm	White LEDs, steady/flashing light, red and blue LEDs, flashing light, Audio signaling device (siren)
Restoring default settings	Via web browser, using reset button

License Plate Recognition (ANPR)	
Autonomous operation mode	-
Capacity of License Plate Database	-
Types of recognized number plates	-
Data recorded in the camera base	-
Reactions for the licence plate recognition	-
IR LED	
LED Number	2pc
Range	25m
Smart IR	Yes (hardware support)
WHITE LIGHT ILLUMINATOR	
LED Number	2pc, warm white color
Range	15m
Smart Light	Yes (hardware support)
INTERFACES	
Alarm Input/Output	-
Audio Input/Output	Built-in microphone/speaker
Network Interface	1 x Ethernet - RJ-45 interface, 10/100Mbit/s
Memory Card Slot	MicroSD - capacity up to 256GB

INSTALLATION PARAMETERS

Dimensions	Ø95/80.6 x 241.3mm
Weight	0.84kg
Degree of Protection	IP67
Enclosure	Aluminium, white Enclosure type: MLG
Power Supply	12VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000V
Power Consumption	DC12V: max 10.7W PoE(48V): max 13.1W
Operating Temperature	-35°C ~ 60°C
Humidity	Max 90%, relative (non-condensing)

Dimensions



Matching Accessories

			
SV-CXH-O	SV- CXH-A	SV- CXH-I	SV-CXH-N
			
SV-CXH-SW02B	SV-CXH-J	SV-CXH-B	SV-CXH-M