

SV-4TU-ULLADFR/0020-28PW



4MP Bullet Camera With Deep Learning-based Image Analysis, Ultra Low Light, Active Deterrence, Face Detection/Recognition, License Plate Detection/Recognition, Object Verification, Sound Detection, 2.8mm Fixed Lens (112°), 20m LED, Built-in Microphone and Speaker.



- Resolution: 4MP (2688x1520).
- Lens: fixed focal, f=2.8mm/F1.0 (112°).
- Min. Illumination: 0.0005lux.
- White LED illuminator, range up to 20m.
- 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: Face Detection/Recognition, AI Object Classification (Distinguishes Objects Such as Pedestrians and Vehicles) Perimeter Intrusion, Line Crossing, Cross Counting, Heat Map, Crowd Density, Queue Length, License Plate Detection/Recognition, Rare Sound Detection, 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.
- 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	4MP Progressive CMOS sensor 1/1.8"
Number of Effective Pixels	2688 (H) x 1520 (V)
Min. Illumination	Color 0.0005lux/F1.0
Electronic Shutter	Auto/manual: 1/5s ~ 1/20000s
Digital Slow Shutter (DSS)	Up to 1/5s
Wide Dynamic Range (WDR)	Yes (double scan sensor)
Digital Noise Reduction (DNR)	2D, 3D
Highlight Compensation (HLC)	Yes
Back Light Compensation (BLC)	Yes
Reduction of image flicker (Antiflicker)	Yes
LENS	
Lens Type	Fixed (M12)
Point of view	Horizontal: 112° Vertical: 61° Diagonal: 134°
Focal length (zoom ratio)	Fixed lens, f=2.8mm/F1.2
Max. aperture ratio	F1.0
Minimum Object Distance	1.0m
DORI	Detection: 56m Observation: 22.4m Recognition: 11.2m Identification: 5.6m
DAY/NIGHT	
Switching Type	Mechanical IR cut filter
Switching Mode	Auto, manual, time
Switching Delay	1 ~ 36s
NETWORK	
Stream Resolution	Main Stream: 2688x1520, 2304x1296, 1920x1080 Sub Stream: 1920x1080, 1280x720, 640x480 Mobile Stream: 640x480, 320x240
Frame Rate	30fps for each resolution
Multistreaming Mode	3 streams (main stream, sub stream & mobile stream)

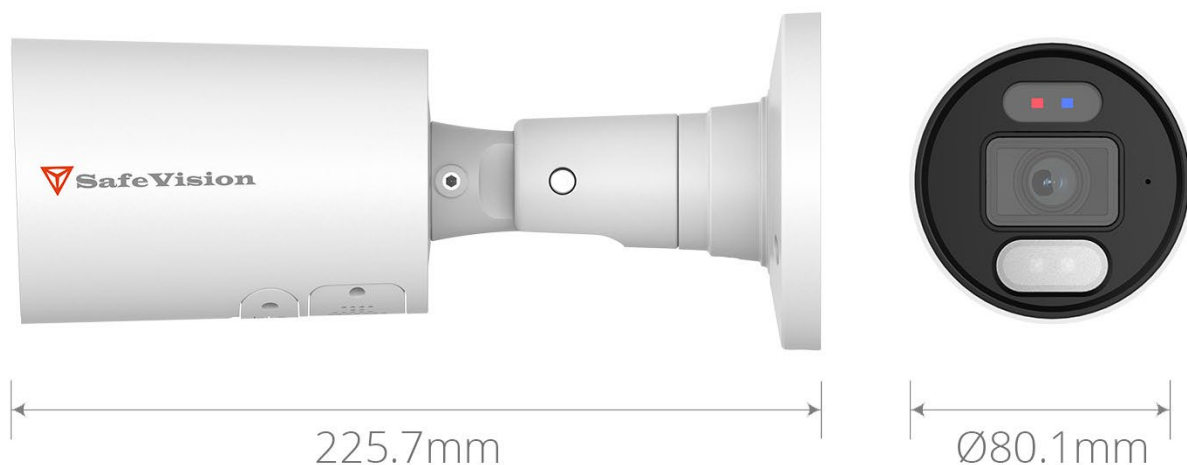
Video/Audio Compression	H.264+, H.265+, H.264, H.265, MJPEG/G.711
Number of Simultaneous Connections	Max. 3 connections, (max. 40 streams in total)
Bandwidth	20Mb/s total
Video quality adjustment	256Kbps ~ 8Mbps
Bitrate-kontrollmetod	CBR/VBR
IP	IPv4/v6
Network Protocols Support	HTTP, TCP/IP, HTTPS, DHCP, 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	4 video mask type: single color
Motion Detection	Yes
AI Analytics	Face Detection, 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	Yes - recognition function implemented in the camera
Capacity of License Plate Database	Up to 10000 license plates, on all lists
Types of recognized number plates	All countries of the European Union
Data recorded in the camera base	Recognition date/time, number of recognised licence plate, image of recognised licence plate, presence on the "white list" or "black list"
Reactions for the licence plate recognition	E-mail with attachment, saving file on FTP server, saving a file in the cloud
IR LED	
LED Number	-
Range	-
Smart IR	-
WHITE LIGHT ILLUMINATOR	
LED Number	2pc, warm white color +(1 red & 1 blue)
Range	20m
Smart Light	Yes (hardware support)
INTERFACES	
Alarm Input/Output	No
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	With bracket: Ø80.1 x 225.7mm
Weight	0.815kg
Degree of Protection	P67
Enclosure	Aluminium, white, fully cable managed wall mount bracket in-set included Enclosure type: TU
Power Supply	12VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000V
Power Consumption	DC12V: max 4.87W PoE(48V): max 6.14W
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