



Partizan IPO-VF5MP AF Full Colour SH is an IP camera from the SH series equipped with a 1/2.7" CMOS sensor supporting multiple resolutions up to 2880×1620 at 25fps. Features a motorized varifocal spherical lens with 2.8-12mm focal length providing 35-113° horizontal field of view, combined with IR and white LED illumination reaching 50m distance for full colour imaging. Supports H.264/H.265 video compression with dual-stream output and includes smart analytics such as face detection, human detection, vehicle detection, and license plate recognition. The metal-housed camera operates from -40 to 60°C with IP66 weather protection, powered via 24V DC or PoE Class 0, and supports TF card storage up to 256GB.

Product details	
Model	IPO-VF5MP
Version	AF Full Colour SH
SKU	1857
Series	SH series
Encoder	
Main stream	2880x1620@25 fps, 2560x1440@25 fps, 2304x1296@25 fps, 1920x1080@25 fps, 1280x720@25 fps
Sub stream	1280x720@25 fps, 640x480@25 fps, 320x240@25 fps
Video codec	H.264, H.265
Audio codec	G711A, G711U
Image sensor	
Sensor	1/2.7" CMOS
Pixel size	1.62x1.62 μm
Day/Night mode	Auto, Color, Black&White
Sensitivity	0.05 Lux
Dynamic range WDR	72 dB
S/N ratio	48 dB

Exposure modes	Auto, Manual
Exposure range	1/5 - 1/20000 s
Video functions	BLC, HLC, WDR, AGC, Slow shutter, Privacy mask
Lens	
Lens type	Spherical
Lens mount	Ø16.7
Iris	F1.2
Focal length	2.8 - 12 mm
Zoom	Motorized
Horizontal view	35 - 113°
Vertical view	20 - 59°
IR LED	
LED type	IR LED, White LED
Distance	≤50 m
Number of LEDs	8 pcs
Network	
Network interfaces	RJ-45 (10/100Base-T)
Network functions	DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP, UPnP, SNMP
Default IP address	DHCP
HTTP(s) port	80
Control port	9988
RTSP port	554
RTSP URL	rtsp://LOGIN:PASSWORD@IP:PORT/rtsp/streaming?channel=1&subtype=0
Default credentials	
Default login	admin
Default password	admin
Software	

Smart analytics	Face detection, Attendance control, Face recognition, Human detection, Vehicle detection, Intrusion detection, Line crossing detection, Crowd density detection, Cross counting, Stationary object detection, Heat map, Queue length detection, License plate detection, License plate recognition, Audio detection
Smart analytics (important note)	IP camera alarms can only be utilized with Partizan Cloud platform, Partizan mobile application, and Partizan SH series video recorders.
Cloud abilities	Remote access, Cloud recording, PUSH notifications
Desktop apps	Partizan, Partizan Setup Tool
Mobile app	Partizan
Web browsers	Google Chrome, Mozilla Firefox, Edge
Web browser languages	English, French, German, Italian, Portuguese, Russian, Spanish, Turkish
Web browser usage (important note)	Web browser access requires Partizan SurveillancePluginV2 installation for device setup and live view. Available at www.apps.partizan.global
External interfaces	
Alarm inputs	1
Alarm outputs	1
Mic	Audio input
Speaker	Audio output
TF card support	≤256 Gb
Mechanical specifications	
IP rating	IP66
Dimensions	144 x 85 x 84 mm
Weight	900 g
Housing material	Metal
Mount material	Metal
Compatible mounts	PMB-6SM, PMB-7SM, PMB-7, PMB-6, PMB-1, PMB-100
Power	
DC power source	24 V
DC consumption	800 mA

PoE	PoE Class 0
Operating conditions	
Humidity range	20-95% RH (non-condensing)
Operating temperature	-40 - 60 °C
Storage temperature	-40 - 60 °C
Common	
Package contents	Drill template, Mounting kit
Warranty	3 years