



Partizan IPO-VF5MP is a varifocal IP camera from the SH series equipped with a 1/2.7" CMOS sensor providing 5MP resolution at 2592×1520 pixels and 25fps. Features a motorized 2.8-12mm spherical lens with F1.8 iris, offering horizontal viewing angles from 35° to 113°. The camera supports H.265+ video compression with dual-stream output and includes both IR and white LED illumination reaching 80m for full-color night vision. Incorporates AI-based smart analytics including face detection, license plate recognition, and intrusion detection. Built in an IP67-rated metal housing, operates from -40°C to +60°C, and accepts 24V DC or PoE Class 0 power with 800mA consumption.

Product details	
Model	IPO-VF5MP
Version	AF Full Colour JB SH Grey
SKU	6953
Series	SH series
Encoder	
Main stream	2592x1520@25 fps, 2304x1296@25 fps, 1920x1080@25 fps, 1280x960@25 fps, 1280x720@25 fps
Sub stream	1920x1080@25 fps, 1280x720@25 fps, 640x480@25 fps, 320x240@25 fps
Mobile stream	640x480@25 fps, 320x240@25 fps
Video codec	H.264, H.264+, H.265, H.265+
Audio codec	G711A, G711U
Image sensor	
Sensor	1/2.7" CMOS
Pixel size	2.0x2.0 μm
Day/Night mode	Auto, Color, Black&White, Full Color
Sensitivity	0.05 Lux
Dynamic range WDR	120 dB

S/N ratio	48 dB
Exposure modes	Auto, Manual
Exposure range	1/5 - 1/20000 s
Video functions	BLC, HLC, WDR, 3D DNR, AGC, Slow shutter, Privacy mask
Lens	
Lens type	Spherical
Lens mount	M12
Iris	F1.8
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	≤80 m
Number of LEDs	4 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, Vechicle detection, Pedestrian detection, Intrusion detection, Line crossing detection, Stationary object detection, Cross counting, Queue length detection, License plate detection, License plate recognition, Audio detection, Region entrance, Region exiting, AI schedule, Tracking
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, Czech, Finnish, French, German, Hungarian, Italian, Russian, Spanish, Arabic, Dutch, Ukranian
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	Built-in microphone, Audio input
Speaker	Audio output
TF card support	≤256 Gb
Mechanical specifications	
IP rating	IP67
Dimensions	172.5 x 90 x 90 mm
Weight	1520 g
Housing material	Metal
Mount material	Metal
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