



Partizan IPD-VF5MP-IR is an IP dome camera from the SH series equipped with a 1/2.7" CMOS sensor with 2.0µm pixel size and 0.05 lux sensitivity. Features a motorized varifocal lens with 2.7-13.5mm focal length providing 33°-110° horizontal and 15°-60° vertical field of view. Supports multiple video resolutions up to 2592×1944 at 25fps with H.264, H.265, H.264+, and H.265+ compression. Includes 120dB wide dynamic range, 2 IR LEDs for illumination up to 50m, and smart analytics including human detection, face recognition, and license plate recognition. Housed in IP66-rated metal enclosure measuring 149mm diameter by 109mm height, weighing 940g. Operates from -40°C to 60°C with 24V DC or PoE Class 0 power at 800mA consumption. Supports TF cards up to 512GB for local storage.

Product details	
Model	IPD-VF5MP-IR
Version	AF Starlight SH v1.1
SKU	1773
Series	SH series
Encoder	
Main stream	2592x1944@25 fps, 2592x1520@25 fps, 2048x1536@25 fps, 2304x1296@25 fps, 1920x1080@25 fps, 1280x960@25 fps
Sub stream	1920x1080@25 fps, 1280x720@25 fps, 640x480@25 fps
Video codec	H.264, H.265, H.265+, H.264+
Image sensor	
Sensor	1/2.7" CMOS
Pixel size	2.0x2.0 µm
Day/Night mode	Auto, Color, Black&White
Sensitivity	0.05 Lux
Dynamic range WDR	120 dB
S/N ratio	48 dB
Exposure modes	Manual, Auto

Exposure range	1/5 - 1/20000 s
Video functions	BLC, HLC, WDR, AGC, Slow shutter, Privacy mask
Lens	
Lens type	Spherical
Lens mount	M12
Iris	F1.8
Focal length	2.7 - 13.5 mm
Zoom	Motorized
Horizontal view	33 - 110°
Vertical view	15 - 60°
IR LED	
LED type	IR LED
Distance	≤50 m
Number of LEDs	2 pcs
Network	
Network interfaces	RJ-45 (10/100Base-T)
Network functions	DHCP, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, PPPoE, HTTPS, Partizan MAC protocol
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	Human detection, Vehicle detection, Line crossing detection, Stationary object detection, Face detection, Attendance control, Face recognition, Intrusion detection, Cross counting, Heat map, Crowd density detection, 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 Cloud series video recorders.
Cloud abilities	Remote access, Cloud recording, PUSH notifications
Desktop apps	Partizan, Setup Tool
Mobile app	Partizan
Web browsers	Google Chrome, Edge, Mozilla Firefox
Web browser languages	English, French, German, Italian, Portuguese, Russian, Spanish, Turkish
Web browser usage (important note)	Web browser access requires Partizan ActiveX installation for device setup and live view. Available at www.apps.partizan.global
External interfaces	
TF card support	≤512 Gb
Mechanical specifications	
IP rating	IP66
Dimensions	Ø149 x 109 mm
Weight	940 g
Housing material	Metal
Mount material	Metal
Power	
DC power source	24 V
DC consumption	800 mA
DC power supply	Not included
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