



Partizan IPD-5SP-IR Full Colour SH is an IP camera from the SH series equipped with a 1/2.7" CMOS sensor supporting resolutions up to 2880×1620 at 30fps. Features a fixed 2.8mm spherical lens with M12 mount providing 88° horizontal and 48° vertical viewing angles. The camera utilizes both IR and white LED illumination with 25m range, enabling full color night vision capability with 0.002 lux sensitivity and 120dB wide dynamic range. Supports H.264/H.265 video compression with triple-stream output and includes built-in microphone with G711A/G711U audio codecs. Offers smart analytics including face detection, vehicle detection, and license plate recognition. Housed in IP67-rated metal enclosure, operates from -40°C to +60°C, powered via 12V DC or PoE Class 0.

Product details	
Model	IPD-5SP-IR
Version	Full Colour SH
SKU	1855
Series	SH series
Encoder	
Main stream	2880x1620@30 fps, 2560x1440@30 fps, 2304x1296@30 fps, 1920x1080@30 fps, 1280x720@30 fps
Sub stream	1280x720@30 fps, 640x480@30 fps, 320x240@30 fps
Mobile stream	640x480@30 fps, 320x240@30 fps
Video codec	H.264, H.265
Audio codec	G711A, G711U
Image sensor	
Sensor	1/2.7" CMOS
Pixel size	1.9x1.9 μm
Day/Night mode	Auto, Color, Black&White, Full Color
Sensitivity	0.002 Lux
Dynamic range WDR	120 dB

S/N ratio	50 dB
Exposure modes	Auto, Manual
Exposure range	1/5 - 1/20000 s
Video functions	BLC, WDR, Privacy mask, 3D DNR
Lens	
Lens type	Spherical
Lens mount	M12
Iris	F1.0
Focal length	2.8 mm
Horizontal view	88°
Vertical view	48°
IR LED	
LED type	IR LED, White LED
Distance	≤25 m
Number of LEDs	4 pcs
Network	
Network interfaces	RJ-45 (10/100Base-T)
Network functions	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
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, Heat map, Crowd density detection, Queue length detection, License plate detection, Audio detection, Region entrance, Region exiting
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	
Mic	Built-in microphone
TF card support	≤256 Gb
Mechanical specifications	
IP rating	IP67
Dimensions	100 x 100 x 90 mm
Weight	415 g
Housing material	Metal
Power	
DC power source	12 V
DC consumption	500 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