



Partizan IPS-230X-IR Starlight SH is a PTZ IP camera from the SH series equipped with a 1/2.7" CMOS sensor featuring 2.0µm pixel size and 120dB wide dynamic range. The camera utilizes a motorized spherical lens with 33x optical zoom (4.3-141.9mm focal length) providing horizontal viewing angles from 2° to 59°. Supports H.264/H.265 video compression with main stream resolutions up to 2592×1944 at 25fps. Features 360° continuous pan rotation, 100° tilt range, and IR illumination up to 150m using 10 LEDs. Includes smart analytics capabilities such as license plate recognition, face detection, vehicle detection, and intrusion detection. Housed in IP66-rated plastic enclosure with metal mount, powered via 24V DC or PoE Class 0, operating from -40°C to +60°C.

Product details	
Model	IPS-230X-IR
Version	Starlight SH
SKU	1860
Series	SH series
Encoder	
Main stream	2592x1944@25 fps, 2592x1520@25 fps, 2048x1536@25 fps, 2304x1296@25 fps, 1920x1080@25 fps, 1280x960@25 fps, 1280x720@25 fps
Sub stream	1280x720@12 fps, 640x480@12 fps, 320x240@12 fps
Mobile stream	640x480@25 fps, 320x240@25 fps
Video codec	H.264, H.265
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	50 dB

Exposure modes	Auto, Manual
Exposure range	1/50 - 1/10000 s
Video functions	AES, AGC, AWB, ABF, BLC, OSD, Privacy mask
Lens	
Lens type	Spherical
Iris	F1.6 - 4.3
Focal length	4.3 - 141.9 mm
Zoom	Motorized
Horizontal view	2 - 59°
Vertical view	1 - 38°
IR LED	
LED type	IR LED
Distance	≤150 m
Number of LEDs	10 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	Vechicle detection, Pedestrian detection, Intrusion detection, Line crossing detection, Stationary object detection, Cross counting, Crowd density detection, Queue length detection, License plate detection, License plate recognition, Audio detection, Region entrance, Region exiting, AI schedule, Tracking, Face 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
PTZ	
Pan range	360°
Tilt range	100°
PT speed	0.6 ~ 200 °/s
Mechanical specifications	
IP rating	IP66
Dimensions	352 x 334 x 207 mm
Weight	2150 g
Housing material	Plastic
Mount material	Metal
Power	

DC power source	24 V
DC consumption	2500 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