IPS-204X-IR 4K FADA SH

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Partizan IPS-204X-IR 4K FADA SH is an IP camera from the SH series equipped with a 1/2.7" CMOS sensor and motorized varifocal lens with 2.8-12mm focal length. The camera supports main stream recording up to 3840x2860 at 25fps with H.264 and H.265 video codecs. Features include 120dB WDR, 4 IR and white LEDs providing illumination up to 30m, and PTZ functionality with 350° pan and 90° tilt range. The unit includes built-in microphone and speaker, supports TF cards up to 256GB, and provides smart analytics including face detection, license plate recognition, and human detection. Housed in IP66-rated plastic enclosure, operates from -40°C to 60°C, and supports 12V DC or PoE Class 0 power.

Product details	
Model	IPS-204X-IR
Version	4K FADA SH
SKU	3533
Series	SH series
Encoder	
Main stream	3840x2860@25 fps, 3072x1728@25 fps, 2592x1944@25 fps, 2592x1520@25 fps, 2304x1296@25 fps, 1920x1080@25 fps, 1280x960@25 fps, 1280x720@25 fps
Sub stream	1280x720@25 fps, 640x480@25 fps, 320x240@25 fps
Mobile stream	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	2.0x2.0 µm
Day/Night mode	Auto, Color, Black&White
Sensitivity	0.009 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, HLC, 3D DNR, Privacy mask, WDR
Lens	
Lens type	Spherical
Iris	F1.6
Focal length	2.8 - 12 mm
Zoom	Motorized
Horizontal view	31.4 - 113°
Vertical view	17.6 - 58.4°
IR LED	
LED type	IR LED, White LED
Distance	≤30 m
Number of LEDs	4 pcs
Network	
Network interfaces	RJ-45 (10/100Base-T)
Network functions	Partizan MAC protocol, 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, Vechicle detection, Intrusion detection, Line crossing detection, Cross counting, Stationary object detection, 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 SH series video recorders.
Cloud abilities	Remote access, Cloud recording, PUSH notifications
Desktop apps	Partizan, Partizan Setup Tool
Mobile app	Partizan
Web browsers	Mozilla Firefox, Edge, Google Chrome
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
Speaker	Built-in speaker
TF card support	≤256 Gb
PTZ	
Pan range	350°
Tilt range	90°
PT speed	min ~ 54 °/s, min ~ 52 °/s
Mechanical specifications	
IP rating	IP66
Dimensions	Ø122 x 182 mm
Weight	920 g
Housing material	Plastic
Mount material	Plastic
Power	
DC power source	12 V

DC consumption	1500 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