



- 5.0 Mp resolution
- Smart functions support
- Human&Vehicle Auto Tracking support
- High sensitivity with Starlight technology
- Varifocal motorized lens with autofocus
- IR LED up to 150m
- PoE support
- IP66 rating
- Alarm and Audio input/output
- ONVIF 2.6 protocol support

IP Camera		
Model		IPS-230X-IR
Version		Starlight SH
SKU		1860
Image Sensor		
Sensor		1/2.7" CMOS
Pixel Size, μm		2.0x2.0
Resolution, pixels@fps	Mainstream	PAL: 2592x1944@25fps; 2592x1520@25fps; 2048x1536@25fps; 2304x1296@25fps; 1920x1080@25; 1280x960@25fps NTSC: 2592x1944@25fps; 2592x1520@30fps; 2048x1536@30fps; 2304x1296@30fps; 1920x1080@30fps;
	Substream	PAL: 1920x1080@25fps; 1280x720@25fps; 640x480@25fps; 320x240@fps NTSC: 1920x1080@30fps; 1280x720@30fps; 640x480@30fps; 320x240@fps
	Mobile stream	PAL: 640x480@25fps; 320x240@25fps NTSC: 640x480@30fps; 320x240@25fps
Day/Night mode	Auto	+
	Color	+
	Black&White	+
Sensitivity, Lux		0,05
Dynamic range WDR, dB		120
S/N ratio, dB		50
Video functions		AES, AGC, AWB, ABF, BLC, OSD, PrivacyMasks, DWDR
Auto Tracking		Human / Vehicle
Smart functions		Face Detection, Attendance Control, Face Recognition, Human&Vehicle Detection, Perimeter Intrusion Detection, Line Crossing Detection, Cross Counting, Stationary Object Detection, Heat Map, Crowd Density Detection, Queue Length Detection, License Plate Detection, License Plate Recognition, Sound
Codec profile	H.264/H.265	Baseline / Main / High
Exposure mode, s	Auto	1/50-1/10000
	Manual	0.256-65.536
Bitrate Type, kb/s	Constant	1024-8192
	Variable	Worst/Worse/General/Good/Better/Best
Lens		
Focal length, mm		4.3-141.9
Optical zoom		33x
Iris, F		1.6-4.3
Angle of View, $^{\circ}$	Horizontal	59-2
	Vertical	38-1
Lens Type	Aspherical	-
	Spherical	+
Lens mount		Built-in lens
Control, Manual/Motorized		-/+
IR LED		
Distance, m		≤ 150
Number of LEDs, pcs.		10 Array LED
Beam Spread, $^{\circ}$		60
Wavelength, nm		850
IR Cut Filter, Manual/Auto		-/+

Your manual is here:

<http://manuals.partizan.global>



Partizan software:

<http://apps.partizan.global>



Network		
Network Interface	RJ-45 (10/100Base-T)	
Network functions	Partizan MAC protocol, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP, UPnP, SNMP,	
Languages supported	English, Francais, Deutsch, Italiano, Portuguese, Russian, Spanish, Turkish	
Default IP address	DHCP (Auto)	
Username	admin	
Password	admin	
HTTP port	80	
ONVIF port	80	
RTSP port	554	
RTSP string	Main stream	rtsp://login:password@IP:port/rtsp/streaming?channel=1&subtype
	Substream	rtsp://login:password@IP:port/rtsp/streaming?channel=1&subtype
Control port	9988	
Configuration software	Partizan (Setup Tool), Web interface (IE)	
Monitoring program	Partizan	
Mobile software (support)	Partizan	
Protocol integration	ONVIF 2.6+ (Profile S, Profile G)	
Dimensions		
Size, mm	Total length, mm	207
	Housing	334x207x352
	Bracket	120x76x219
Weight, g	2150	
Common		
Power Supply	DC24V, A	2,5
	PoE Class/W	0/30
Alarm	Inputs	+
	Outputs	+
PTZ	Pan°	360
	Tilt°	100
PT Speed, s	0.6~200/0.6~100	
Audio in/out	+/-	
Memory card	-	
Housing material, plastic/metal	+/-	
Bracket material, plastic/metal	-/+	
IP rating	66	
IK rating	-	
Operating temperature, °C	-40 - +60	
Warranty, years	3	