



- 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
- SD card support
- Alarm and Audio input/output
- ONVIF 2.6 protocol support

Your manual is here:
<http://manuals.partizan.global>



Partizan software:
<http://apps.partizan.global>



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 (max)*	PAL: 5Mp@25fps, 4Mp@25, 2Mp@25, 1Mp@25 NTSC: 5Mp@30fps, 4Mp@30, 2Mp@30, 1Mp@30
	Substream (max)*	PAL: 2Mp@25, 1Mp@25, 640x480@25, 320x240@25 NTSC: 2Mp@25, 1Mp@30, 640x480@30, 320x240@30
	Mobile stream (max)*	PAL: 640x480@25, 320x240@25 NTSC: 640x480@30, 320x240@30
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, Attribute Detection, 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 Detection
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
*Attention! When you set the mainstream to the maximum fps, it may cause decreasing of fps of the substream		
Lens		
Focal length, mm		4.3-141.9
Optical zoom		33x
Iris, F		1.6-4.3
Angle of View, °	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, °		60
Wavelength, nm		850
IR Cut Filter, Manual/Auto		-/+
Network		
Network Interface		RJ-45 (10/100Base-T)
Network functions		Partizan MAC protocol, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
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://ip:port/Ch01/0
	Substream	rtsp://ip:port/Ch01/1
Snapshot capture link		http://[IP]:[Web PORT]/API/OnvifSnapshot/Get
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	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		Micro SD (≤128Gb)
Housing material, plastic/metal		-/+
Bracket material, plastic/metal		-/+
IP rating		66
IK rating		-
Operating temperature, °C		-40 - +60
Warranty, years		3