



- 2.0 Mp resolution
- Varifocal lens with autofocus
- IR LED up to 150m
- PoE support
- MicroSD card support
- IP66 rating
- ONVIF 2.4 protocol support

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



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



IP Camera		
Model	IPS-220X-IR SE	
Version	3.0	
Image Sensor		
Sensor	1/2.8" Full HD Sony	
Pixel Size, µm	2.8x2.8	
Resolution, pixels@fps	Mainstream (max)*	PAL:1920x1080@25, 1280x720@25, 704x576@25, NTSC:1920x1080@30, 1280x720@30, 704x576@30
	Substream (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	90	
S/N ratio, dB	50	
Video functions	AES, AGC, AWB, ABF, BLC, OSD, PrivacyMasks, DWDR	
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	5.3-96.3	
Optical zoom	18x	
Iris, F	1.6-2.7	
Angle of View, °	Horizontal	53-2.7
	Vertical	35-1.3
Lens Type	Aspherical	-
	Spherical	+
Lens mount	M12	
Control, Manual/Auto	-/+	
IR LED		
Distance, m	≤150	
Number of LEDs, pcs.	6 IR LED + 3 Laser LED	
Beam Spread, °	60	
Wavelength, nm	850	
IR Cut Filter, Manual/Auto	-/+	
Network		
Network Interface	RJ-45 (10/100Base-T)	
Network functions	DDNS/IPFilter/E-mail/NTP/UPNP/FTP/RTSP	
Languages supported	English	
Default IP address	<b>DHCP (Auto)</b>	
Username	<b>admin</b>	
Password	<b>admin</b>	
HTTP port	80	
ONVIF port	8999	
RTSP port	554	
RTSP string	Main stream	rtsp://ip:port/1/h264major
	Substream	rtsp://ip:port/1/h264minor
Snapshot capture link	http://IPaddress/jpgimage/1/image.jpg	
Control port	8088	
Configuration software	Web interface, IE	
Monitoring program	Partizan CMS, Partizan VMS	
Mobile software (support)	-	
Protocol integration	ONVIF 2.4+	
Dimensions		
Size, mm	Total length	241
	Housing	Ø152x247
	Bracket	120x76x219
Weight, g	2150	
Common		
Power Supply	DC12V, A	3.0
	PoE Class/W	0/15
Alarm	Inputs	-
	Outputs	-
PTZ	Pan°	360
	Tilt°	93
PT Speed, s	0.1~200/0.1~60	
Audio in/out	-/-	
Memory card	MicroSD (≤128Gb)	
Housing material, plastic/metal	-/+	
Bracket material, plastic/metal	-/+	
IP rating	66	
IK rating	-	
Operating temperature, °C	-40 - +60	
Warranty, years	3	