



- 2.0 Mp resolution
- Auto Tracking, Face Detection
- High sensitivity with Starlight technology
- Built-in microphone/speaker
- Varifocal motorized lens with autofocus
- IR LED up to 60m
- PoE 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	
Version	SE AI Starlight	
SKU	1654	
Image Sensor		
Sensor	1/2.8" Sony Starlight	
Pixel Size, µm	2.9x2.9	
Resolution, pixels@fps	Mainstream (max)*	PAL: 1920x1080@25, 1280x720@25 NTSC: 1920x1080@30, 1280x720@30
	Substream (max)*	PAL:640x480@25, 352x240@25, NTSC:640x480@30, 320x240@30
Day/Night mode	Auto	+
	Color	+
	Black&White	+
Sensitivity, Lux	0.001	
Dynamic range WDR, dB	90	
S/N ratio, dB	50	
Video functions	AES, AGC, AWB, ABF, BLC, OSD, PrivacyMasks, DWDR	
Smart functions	Auto Tracking, Face 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	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/Motorized	-/+	
IR LED		
Distance, m	≤60	
Number of LEDs, pcs.	6, Array	
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	DHCP (Auto)	
Username	admin	
Password	admin	
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	Web interface (IE)	
Mobile software (support)	-	
Protocol integration	ONVIF 2.4+	
Dimensions		
Size, mm	Total length	208
	Housing	Ø136x210
	Bracket	115x80x154
Weight, g	1560	
Common		
Power Supply	DC12V, A	3.0
	PoE Class/W	0/15
Alarm	Inputs	-
	Outputs	-
PTZ	Pan°	360
	Tilt°	93
PT Speed, s	0.1~100/0.1~80	
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	