



- Wi-Fi IP network video recorder
- 8-channel 2.0Mp record
- 1xSATA (max. 6Tb)
- ONVIF 2.4 protocol support
- Support mobile monitoring: iOS & Android

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Partizan software:

<http://apps.partizan.global>



System		
Model	Outdoor Wireless Kit 2MP 4xIP	
Version	2.0	
Maximum connected cameras, pcs.	8	
Operating system	Embedded Linux	
Simultaneous multi-channel real-time recording	+	
Playback	+	
Network operation	+	
USB backup	+	
Wi-Fi operation distance (open space), m	<100	
NVR		
Record		
Record, channels x resolution @ fps	8x2.0Mp@15	
Record storage, HDD*/network	+/+	
Video compression	H.264(HighProfile)/H.265	
Space occupation for 25 fps/1 channel (per day)	Video ~80Gb(1080p), ~46Gb(960p), ~34Gb(720p), ~20Gb(D1), ~4.8Gb(CIF) Audio 0.69Gb	
*Please note, HDD is not included in the kit!		
Playback		
Playback archive records, channels x resolution @ fps	4x2.0Mp@15	
Backup mode, network/USB	+/+	
Preview screen	1/4	
Record mode	Manual + Alarm + Motion Detection + Schedule +	
Audio		
Audio compression	G.711A	
Two-way audio	-	
Network		
Network Interface	RJ-45 (10/100Base-T)	
Wireless LAN	Standard	802.11(b/g/n)
	Frequency, Ghz	2.4
	Max. wireless power, mW	<100
Network functions	NIP/DDNS/IPFilter/Email/NTP/UPNP/FTP/RTSP	
Languages supported	English, Russian, Arabic, French, Polish, Romanian, Hungarian, Italian, Czech	
Default IP address	DHCP (Auto)	
Default username	admin	
Default password	admin	
HTTP port	80	
RTSP port	554	
RTSP string	rtsp://192.168.1.10:554/user=admin&password=admin&channel=1&stream=0.sdp?	
Control port	34567	
Configuration software	Partizan (Setup Tool), Partizan Device Manager	
Monitoring program	Partizan	
Mobile software (support)	Partizan	
Protocol integration	Partizan SDK, ONVIF 2.4+	
Interface		
Display quality	1920x1080; 1440x900; 1280x1024; 1280x720; 1024x768	
Video	Inputs	-
	Outputs	1ch VGA, 1ch HDMI
Audio	Inputs	-
	Outputs	1ch RCA
Alarm	Inputs	-
	Outputs	-
PTZ control, port/protocol support	Network	
USB	2xUSB2.0	
Internal SATA, pcs x max.Tb	1x6	
External SATA, pcs x max.Tb	-	
External eSATA, pcs x max.Tb	-	
HDD operation mode	Single HDD	
Dimensions		
Size, mm	258x210x42	
Weight, g	900	
Common		
Power supply	DC12V, 2.0A	
PoE/Class	-	
Housing material, plastic/metal	-/+	
Front material, plastic/metal	+/-	
Operating temperature, °C	0 - +50	
Warranty, years	3	



- Wi-Fi IP camera
- 2.0 Mp resolution
- IP66 rating
- IR LED
- 3-Axis mounting
- ONVIF 2.4 protocol support

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IP Camera		
Model	IPO-2SP	
Version	Kit v2.0	
Image Sensor		
Sensor	1/2.8" Full HD CMOS	
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:704x576@25, 320x288@25, NTSC:704x576@30, 320x288@30
Day/Night mode	Auto	+
	Color	+
	Black&White	+
Sensitivity, Lux	0.01	
Dynamic range WDR, dB	69	
S/N ratio, dB	39	
Video functions	AEC, AGS, AWB, ABF, BLC, OSD, PrivacyMasks	
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	3.6	
Iris, F	1.4	
Angle of View, °	Horizontal	77
	Vertical	61
Lens Type	Aspherical	-
	Spherical	+
Lens mount	M12	
Control, Manual/Auto	-	
IR LED		
Distance, m	≤30	
Number of LEDs, pcs.	3 array LED	
Beam Spread, °	60	
Wavelength, nm	850	
IR Cut Filter, Manual/Auto	-/+	
Network		
Network Interface	RJ-45 (10/100Base-T)	
Wireless LAN	Standard	802.11(b/g/n)
	Frequency, Ghz	2.4
	Max. wireless power, mW	<100
Network functions	Cloud/NiP/DDNS/IPFilter/E-mail/NTP/UPNP/RTSP	
Languages supported	English, Russian, Arabic, French, Polish, Romanian, Hungarian, Italian, Czech	
Default IP address	DHCP (Auto)	
Username	admin	
Password	admin	
HTTP port	80	
ONVIF port	8899	
RTSP port	554	
RTSP string	rtsp://IPaddress:port/user=admin&password=admin&channel=1&stream=0.sdp?	
Snapshot capture link	http://IPaddress/webcapture.jpg?command=snap&channel=1&user=admin&password=admin	
Control port	34567	
Configuration software	Partizan (Setup Tool), Partizan Device Manager	
Monitoring program	Partizan	
Mobile software (support)	Partizan	
Protocol integration	Partizan SDK, ONVIF 2.4+	
Dimensions		
Size, mm	Total length	175
	Housing	Ø62x100
	Bracket	Ø57x75
Weight, g	470	
Common		
Power Supply	DC12V, A	0.5
	PoE Class/W	-
Audio	-	
Housing material, plastic/metal	-/+	
Bracket material, plastic/metal	-/+	
IP rating	66	
IK rating	-	
Operating temperature, °C	-40 - +60	
Warranty, years	3	
Inside the Kit:		
Wi-Fi NVR	1	
Wi-Fi IP camera	4	
Power supply	5	
Mouse	1	
Lan cable	1	
Wi-Fi antenna	4	
Mounting Kit	1	
Manual	1	