



- High sensitivity thermal module with 256 × 192 resolution
- High quality optical module with 5 MP resolution
- Powerful behavior analysis functions, based on deep learning algorithm: Perimeter Intrusion Detection, Line Crossing Detection, Fire detection, temperature exception alarm
- Temperature exception alarm for fire prevention, -15°C to 150°C, ± 8°C
- IR distance up to 30m
- Support for Bi-Spectrum Image Fusion
- IP66 rating

Your manual is here:

<http://manuals.partizan.global>



Partizan software:

<http://apps.partizan.global>



IP Thermal Camera		
Model	IPD-5SP-IR	
Version	Thermal SH	
SKU	4309	
Optical Module		
Sensor	1/2.8" Progressive Scan CMOS	
Effective Pixels, Mp	5	
Focal Length	3.6mm	
Field of view	Horizontal, °	81
	Vertical, °	57
	Diagonal, °	108
Sensitivity, Lux	0.003	
WDR	+	
BLC	+	
HLC	+	
S/N ratio, dB	120	
AGC	+	
White Balance (WB)	Auto/Manual/Indoor/Outdoor	
Day/Night	Auto (ICR)/Manual (Colour, B/W)	
Thermal Module		
Detector Type	Vanadium Oxide Uncooled Focal Plane Arrays	
Resolution	256×192	
Pixel Interval	12µm	
Response band	8µm~14µm	
NETD	≤ 50 mk @ 25 F # 1.0, 25Hz	
Focal Length	3.2mm	
Field of view (H×V)	56° × 42°	
Temperature Measurement	Global, 12 points, 12 areas, and 12 lines	
Temperature Range	-15°C ~ + 150°C	
Temperature Accuracy	±8°C	
Fire Detection	Dynamic fire point detection	
Bi-Spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel	
Alarm	+	
IR LED		
Distance, m	≤30	
Network		
Audio Compression	G.711u/G.711a	
Video Compression	H.265/H.264/H.264H/MJPEG	
Resolution	Mainstream (max)*	Visible: 5Mp@25/30fps, 4Mp@25/30fps, 3Mp@25/30fps, 2Mp@25/30fps, 1Mp@25/30fps LWIR: 1280*720@25fps/30fps, 640*480@25fps/30fps
	Substream (max)*	Visible: 1Mp@25/30fps, 640*480@25fps/30fps, 320*240@25fps/30fps LWIR: 640*480@25fps/30fps, 320*240@25fps/30fps
	Mobile stream (max)*	Visible: 640*480@25fps/30fps, 320*240@25fps/30fps LWIR: 320*240@25fps/30fps
Network Protocols	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP,RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
User/Host Level	10 users, 2 levels: Administrator, User	
Storage Capabilities	FTP; Micro SD ≤256G	
Smart functions	Optical: Perimeter Intrusion Detection, Line Crossing Detection, Human & Vehicle Detection, Stationary Object Detection, Cross Counting, Crowd Density Detection, Queue Length Detection, Heat Map, Rare Sound Detection, Face Detection Thermal: Perimeter Intrusion Detection, Line Crossing Detection, Fire detection, Temperature Exception Alarm	
Dimensions		
Size, mm	Total length	114
	Housing	∅135x114
	Bracket	-
Weight, g	1500	
Common		
Power Supply	DC12V, A	1
	PoE Class/W	0/12
Alarm	Inputs	1
	Outputs	1
Alarm Action	SD recording/relay output/smart capture/FTP upload/email linkage/audio alarm/Red & Blue flashing light	
Audio	Inputs	1
	Outputs	1
Housing material, plastic/metal	-/+	
Bracket material, plastic/metal	-/+	
IP rating	66	
IK rating	-	
Operating temperature, °C	-30 - +60	
Warranty, years	3	