Partizan IPO-5SP Thermal SH

ENG

- 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		IPO-5SP
Version		Thermal SH
SKU		3635
Optical Module		
Sensor		1/2.8" Progressive Scan CMOS
Effective Pixels, Mp		5
Focal Length		3.6mm
Field of view	Horisontal, °	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	297
	Housing	91x86x169
	Bracket	Ø108*128
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