Thermal PTZ IP Wifi Battery Temperature 33X Visible Camera

Key Features

- 2.0MP 1/2.8" Progressive Scan CMOS;
- Visible 33X(F5.5-180mm) optical zoom;
- 15mm Thermal Lens;
- 640*512 thermal, high sensitivity sensor, support contrast adjustment;
- With High-capacity lithium battery, Weatherproof IP66, 4000V lightning protection;
- Wifi wireless transmission ONVIF comply;
- Battery level, WiFi signal Display
- ideal for mobile surveillance, for vehicle, marine application

Application

Enclosed with aluminum housing and excellent sealing solution, the camera is designed with an ingress protection rating of IP66, protecting the internal components from dust, dirt and liquids.
The rugged, mobile mounting options make this camera ideal choice for many mobile surveillance application:like law enforcement, military vehicle surveillance, specialized robot, marine surveillance.

Technical parameters

Model	
Model No.	SVN-33X76THN-H15
Thermal Imaging	
Types	Vanadium Oxide Uncooled Focal Plane Detector
Array format/Pixel pitch	640x512/12μm
NETD	≤40mK@25℃
Response band	8~14μm
Package Type	Ceramic Packaging
Lens	15mm
HOV	24.55(H)°X18.54°(V)
Video compression standard	H.264
Main stream	1280*1024, 1280*720, 640*480, 25Hz
Ethernet Type	100Mbps
Network Protocols	IPV4, HTTP, FTP, RTSP, RTCP, RTP, TCP, UDP
Standard	ONVIF
Concurrent access	6CH
Image processing	Non-uniformity Correction, Intelligent Gain Control, Digital Detail Blending Enhancement, 3D Noise Reduction
Palette	Supports 10 color palettes including black hot, white hot, iron red, rainbow, etc. /Customizable

Function	
Ignition point detection	Supports fire point detection
Abnormal temperature alarm	Support temperature abnormality alarm
Temperature measurement function	Full-screen maximum and minimum temperature positioning
	Supports 1 line, 9 frames, 10 points, 2 irregular areas, 2 elliptical areas for temperature measurement
	Temperature range: -20~150℃, 50~550℃ extension
	Temperature measurement accuracy: ±2℃ or ±2% (whichever is greater) no black body
	Supports reflected temperature, atmospheric temperature setting, target range correction, and emissivity correction.
Alarms	IP conflict, linkage alarm function
Visible Camera	
Image Sensor	2.0MP, 1/2.8" Progressive Scan CMOS
Effective pixel	1920*1080, 2.0MP
Min. Illumination	Color:0.01 Lux; Black:0.0005Lux
Focal Length	5.5-180mm; 33x optical zoom
Aperture Range	F1.5-F4.0
HOV	60.5-2.3°(wide-tele)
Minimum Working distance	100mm(wide)-1000mm(tele)
Automatic control	ATW, Automatic gain, Auto exposure
Signal to noise ratio	≥55dBG
BLC	On / off
Shutter	1/25~1/100,000sec
Day/Night Switch	IR cut filter
Digital zoom	16X
Focus mode	automatic / manual
Pan/Tilt	
Pan Range	360° (endless)
Pan Speed	0.05° ~ 80°/s
Tilt Range	−25° ~ +90°
Tilt Speed	0.05° ~ 60°/s
Proportional zoom	support
Preset	255
Cruises	6 strips with a maximum of 18 points per strip.
Pattern Scan	4
Power-down recovery	support
Data interface	RJ45 10Base-T/100Base-TX, Wifi
Frame rate	25/30fps
Video compression	H.265/H.264/MJPEG
Interface Protocol	ONVIF
Network protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, SMTP, IPv6
Wifi protocol	IEEE 802.11b/IEEE 802.11g/IEEE 802.11n
Dual stream	support
Local storage	Micro SD card storage
Security	Password protection, Multi-user access control
General	
IR distance	50m
Power	DC 9V-24V
Power consumption	MAX 48W

Battery Type	High-capacity lithium polymer batteries
Battery capacity	11.1V 8000mAH
Battery life	10 hours (IR LED off, low power mode)
Working temperature	-20℃~65℃
Working humidity	<90%
Ingress Protection	IP66,4000V lightning protection

Dimensions(mm)