Dual sensor PTZ Camera with Thermal Imaging

Key Features

- 2.0MP 1/2.8" Progressive Scan CMOS;
- 33X(F5.5-180mm) optical zoom;
- Optional Thermal Lens, up to 40mm;
- 640*480 resolution, high sensitivity sensor, support contrast adjustment;
- Weatherproof IP66, TVS 3000V ;
- ONVIF 2.4 comply;

Features

- High strength alloy aluminum integral die casting shell, internal all metal structure;
- Super heat dissipation design reduces the temperature of the inner cavity of the dome camera and prevents the inner cover of the dome camera from fogging;
- Anti-impact, anti-corrosion, protection grade:IP66
- Support 3D intelligent positioning function
- Support power-off state memory function, after power-on, it will automatically return to the monitoring position before power-off or perform monitoring tasks before power-off
- Idle action and unmanned operation can enter a variety of operation modes: guard position, automatic scanning, pattern scanning and automatic cruise
- Support the power-on action, the dome will execute the scheduled monitoring task after power-on
- Support H.264/H.265 video compression algorithm, ultra-low bit stream
- Real-time preview, control and parameter setting can be done through WEB browser and client software
- Support Micro SD (TF) card storage

Technical parameters

Model	
Model No.	SVN-30X80TH-W
Thermal Imaging	
Detector	Uncooled amorphous silicon FPA
Array format/Pixel pitch	384x288/17μm ; 640x480/17μm
Lens	40mm
Sensitivity(NETD)	≤50mk@300K
Digital Zoom	1x, 2x, 4x
Pseudo color	9 Psedudo Color palettes changeable; White Hot/black hot

Visible Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color:0.001 Lux @(F1.5,AGC ON); Black:0.0005Lux @(F1.5,AGC ON);IR:0Lux
Shutter	1/2-1/20000, Support Slow Shutter
Day/Night Switch	IR cut filter
Focal Length	5.5-180mm;33x optical zoom
Digital zoom	16X
Aperture Range	F1.5-F4.0
HOV	60.5-2.3°(wide-tele)
Minimum Working distance	100mm-1000m
Video Compression	H.265 / H.264
Audio Compression	G.711A/G.711U/AAC
Main Stream	1920*1080@30fps; 1280*720@30fps; 720*576@25fps;
Third Stream	Support
BLC	Support
Exposure mode	AE / Aperture Priority / Shutter Priority / Manual Exposure
Focus mode	Auto Focus / One Focus / Manual Focus / Semi-Auto Focus
Area exposure / focus	Support
Optical fog	Support
Image stabilization	Support
3D noise reduction	Support
Protocol	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, QoS, DNS, DDNS, NTP, FTP, UPnP, HTTP, SNMP, SIP
Interface Protocol	ONVIF2.4
Storage	Support Micro SD storage, maximum 128GB
Pan/Tilt	
Pan Range	360° (endless)
Pan Speed	keyboard control:180°/s, Manual: 0.05°/s ~ 120°/s
Tilt Range	−15° ~ +93°
Tilt Speed	keyboard control:150°/s, Manual: 0.05°/s ~ 100°/s
Proportional zoom	Support
Number of preset	256
Cruise scan	6 lines, 18 preset points can be added to each line, and the dwell time can be set
Power-off memory	Support
3D intelligent positioning	Support
Intelligent detection	Cross-border detection, Area intrusion detection, Entry/exit area detection, Wandering detection, Personnel gathering detection,Fast motion detection, Parking detection, Item leaving / taking detection, Scene change detection, Audio detection, Virtual focus detection, Face Detection
General	
Power	AC24V, Power consumption: 50w
COM/Protocol	RS 485/ PELCO-D/P
Video Output	1 channel Thermal Imaging video; Network video, via Rj45
	1 channel HD video; Network video, via Rj45
Working temperature	-40℃~65℃
Ingress Protection	IP66, TVS 3000V
Dimension	Φ230*437 mm