

STOH-25A THERMAL+OPTICAL BI-SPECTRUM IP PTZ



KEY FEATURES

- Smart IR Function
- High-performance IR array, up to 150m IR distance
- Build-in temperature conditioner
- 3D DNR, 14 pseudo colors adjustable, image detail enhancement
- 384*288 resolution, high sensitivity sensor, support contrast adjustment
- 24/7 long-distance surveillance, 25mm
- Ultra low light, high performance/1.8" progressive CMOS sensor, up to 1920*1080
- 360° endless pan range and -15°-90° tilt range
- Up to 240°/s pan preset speed and 200°/s tilt preset speed
- 8 patrols, up to 32 presets per patrol
- Support proportional zoom and park action



SPECIFICATION

STOH-25A

Thermal module	
Image sensor	Vanadium Oxide Uncooled Focal Plane Detectors
Max. Resolution	384 × 288
Response waveband	8~14μm
NETD	< 50mk(@25°C,F#=1.0)
MRTD	MRTD < 100mk(@25°C,F#=1.0)
MRTD	0.6mrad
Reference Object Size	Human: 1.8*0.5m
Lens (focal length)	25mm
Detection range (Vehicles)	1533m
Detection range (Humans)	500m
Recognition range (Vehicles)	383m
Recognition range (Humans)	125m
Identification range (Vehicles)	192m
Identification range (Humans)	63m
Field angle	21.7°×16.4°
F number	1.0
Image Setting	Brightness, AGC, DDE, FFC adjustable via client software or web browser
Color Palette	White Hot, Black Hot, Fusion1, Rainbow, Fusion2, Ironbow1, Ironbow2, Sepia, Color1, Color2, Ice Fire, Rain, Red Hot, Green Hot
PTZ	
Pan range	360° endless
Pan speed	Pan Manual Speed: 0.1°-160°/s, Pan Preset Speed: 240°/s
Tilt range	-15°-90° (auto flip)
Tilt speed	Tilt Manual Speed: 0.1°-120°/s, Tilt Preset Speed: 200°/s
Proportional zoom	Support
Number of preset	300
Patrol	8 patrols, up to 32 presets per patrol
Pattern	4 patterns, with the recording time not less than 10 minutes per pattern
Power-off memory	Support
Park action	Preset / Patrol / Pattern / Pan scan/Tilt scan/Random scan/Frame scan/Panorama scan
PTZ position display	On / Off
Preset freezing	Support
Scheduled task	Preset / Patrol / Pattern / Pan scan/Tilt scan/Random scan/Frame scan/Panorama scan/Dome reboot /Dome adjust /Aux output
Infrared	
IR distance	150m
IR intensity	Automatically adjusted, depending on the zoom ratio
Network	
Main stream	25fps(1920×1080), 25fps(1280×960), 25fps(1280×720) (visible light) 25fps(384×288) (thermal)
Sub stream	25fps(704×576), 25fps(352×288), 25fps(176×144) 25fps(384×288) (thermal)
Video compression	H.264/MJPEG/MPEG4, H.264 encoding with Baseline/Main/High Profile
Audio compression	G.711u/G.711a/G.722.1/MP2L2/G726/PCM
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
Simultaneous live view	Up to 20
User/Host level	Up to 32 users, 3 levels: Administrator, Operator, User
Security measures	User authentication (ID and PW), MAC address binding, HTTPS encryption, IEEE 802.1x access control, IP address filtering
Integration	
Alarm input	7 inputs (0-5VDC)
Alarm output	2 relay outputs, alarm response actions configurable
Alarm action	Preset/Patrol/Pattern/SD recording/Relay output/Smart capture/FTP upload/Email linkage
Audio input	1 Mic in/Line in interface. Line input: 2-2.4V[p-p], output impedance:1KΩ±10%
Audio output	Line level, impedance: 600Ω
Ethernet	1 RJ45 10M/100M Self-adaptive Ethernet interface
SD memory card	Built-in Micro SD card slot, support Micro SD/SDHC/SDXC card (up to 64G), support manual/alarm recording
Analog video output	1.0V[p-p] / 75Ω, PAL(or NTSC), BNC
RS485 protocols	Half-duplex; HIKVISION, PELCO-P, PELCO-D, self-adaptive
Application programming	Open-ended API, support ONVIF, PSIA, CGI, HIKVISION SDK and third-party management platform
Client	VMS-A1
Web browser	IE7+, Chrome18+, Firefox5.0+, Safari5.02+
General	
Menu language	English
Power	AC 24V, 60W max
Working temperature	-40°C ~ +60°C, 90% or less
Protection level	IP66, TVS 6000V Lightning protection, surge protection, voltage transient protection
Mount option	Various options, choose according to scenarios
Dimensions	Φ266.6(mm)×365.2(mm)
Weight	8kg



DIMENSIONS

