

## Specification: - Thermal Network PTZ camera 50X



### GL-IH6.2-50ASDPTZ

#### Key Features:

- Image Sensor: 1/2.8" 2MP CMOS
- Resolution: 2MP (1920 x 1080)
- Support infrared thermal imager and HD visible light network video single IP image output.
- Support Human Detection, Vehicle Detection, full-screen/area detection, automatic alarm
- Support multiple pseudo color switch and display
- High strength alloy aluminum integral die-cast housing, internal all metal structure
- Support wide dynamic, strong light compensation, area instruction detection function.
- Image setting: Gain control (Auto/Manual), BLC, HLC, WDR, TWDR, DWDR, 3DNR
- Optical Zoom: 50X
- Digital Zoom: 16X
- Ingress Protection: IP67, 6000V lightning protection
- BIS, ISO, CE, FCC & RoHS.

#### Parameter:

Camera Specification	
Detector Type	Vanadium oxide uncooled focal plane detector
Image Sensor	1/2.8" 2MP CMOS
Electronic shutter	Auto/ Manual (1/1s~1/30,000s)
Minimum Illumination	Color: 0.002 Lux@F1.8; B/W: 0.0002Lux@F1.8, 0Lux(IR ON)
Image Setting	Gain control( Auto/Manual), BLC, HLC, WDR, TWDR, DWDR, 3DNR, Optical Defog, Anti Shake, Optical Image Stabilization,
Day/Night	Auto/Color/ B/W/External
Noise Reduction	2D- DNR/3D-DNR, S/N Ratio: ≥ 55dB
Spectral Range	8~14um
Array size	640×480
Resolution	2MP (1920 x 1080)
Video Output	PAL
Thermal Sensitivity (NETD)	≤ 50mk @300K
Pixel size	17um
Frame Rate	50 Hz
Lens	50mm (Optional 35mm, 75mm, 100mm)
Aperture	35mm, 50mm: F1.0, 75mm: F1.1, 100mm: F1.4
Optical Zoom	50X
Digital Zoom	16X
Polarity	Black/White-hot
Control port	RS4850 support PELCO-D/9600/2
Pseudo color	Support 11 kinds of pseudo color
Gray alarm	Support fire detection, gray alarm function
Focus Mode	Auto, Semi-auto, Manual
Focal length	6.6 mm to 330 mm
Angle of view	6.6 mm: Horizontal: 42.34°; Vertical: 24.68°; Diagonal: 48.06° 330 mm: Horizontal: 1.10°; Vertical: 0.62°; Diagonal: 1.27°
Iris	Auto
Day/Night mode	Auto/Color/Black and white
3D DNR	Auto/Manual
Close focus Distance	1200 mm
Audio/Video Compression	
Video Compression	Smart H.265/H.264+/H.264, MJPEG
Supported protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTSP, PPPoE, NTP, UPnP, SMTP, TGMP, QoS, IPv4, TPv6, Multi cast, RTMP
Audio compression	G.711a; PCM
Pan / Tilt Range	Pan: 0° to 360° endless; Tilt: -45° to 90°
Preset speed	Pan: 160°/s; Tilt: 60°/s
Manual Speed	Pan: 0.1° to 160°; Tilt: 0.1° to 60°
Preset	300
PTZ Mode	5 Auto Scan, 8 Tour, 5 Patterns, Auto Pan
Video Frame Rate	<b>Thermal: 50Hz: Main stream</b> (1280×1024@25fps /1280×960 @25fps/1280×720 @25fps) <b>Sub Stream:</b> 640×512@25fps /640 ×480@25fps /400× 300@25fps <b>60Hz: Main stream:</b> (1280×1024@30fps/1280×960 @30fps/1280×720 @30fps) <b>Sub Stream:</b> 640 ×512@30fps/ 640×480@30fps / 400×300@30fps <b>Visual: 50 Hz: Main stream:</b> (1920×1080@25fps /1280×720@25fps /704×576 @25 fps) <b>Sub Stream:</b> 704×576@25fps/352×288@25fps <b>60 Hz: Main Stream:</b> (1920 ×1080@30fps /1280×720@30fps /704 ×576@30fps) <b>Sub Stream:</b> 704×576 @30fps/ 352×288@30fps
Resolution	<b>Thermal:</b> (1280×1024)/960P (1280×960)/720P <b>Visual:</b> 1080P (1920× 1080) / 720P (1280×720) / D1 (704×576 /704×480) /CIF (352×288/352×240)
General	
Protection grade	IP67, 6000V lightning protection
Temperature	Working Temp: -40°C~55°C, Storage Temp: -40°C~70°C
Operating humidity	10%~90% RH ( No condensation)
Power supply	DC24V/3A (±10%), Support POE+, (IEEE802.3at standard)
Power consumption	60W
Dimensions(mm)	435(H)*2(D)mm
Material of housing	Aluminum
Installation	Indoor/Outdoor