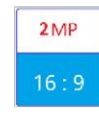




GL-6.2-30-44PTZ



HDR



1080P



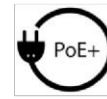
VCA



Smart tracking



Perimeter



PoE+



IP67



300m-400m

System:

GL-6.2-30-44PTZ, adopts a high quality 32x optical zoom lens, and high computing AI SOC, could deliver top-notch 1920x1080@60fps image details over a wide-open area. The PTZ camera can detect max 15 objects per scene and classify human/vehicles from 600m to 1000m in radius. When any of them intrude restricted area, the camera will trace, zoom fit in center of screen, snap and record and trigger alarms until object disappeared, greatly improving surveillance efficiency.

The PTZ improves many aspects to further utilize AI capacity. The revised gimbal system is up to 360°/s, which could automatically track express fast large objects at 300km/h within several miles distance. The rotation mechanics is enforced to endure over 10millions times for long-time heavy usage. The PTZ adopts black-ray image and new stacked IR technology, which filter all the intrusive lights and focusing on human and vehicles themselves, thus it could track and recognize human details, challenging the most complex environment, whatever it is bright sun-shrine or in pitch black, snowy or rainy, strong headlights of cars and street lamps, etc.

With competitive price, excellent picture quality and strong protection, the camera could meet the demand of 7x24Hour working in harsh weather for professional surveillance market.

Key Spec:

- Ultra-fast rotation and tracking speed and over 10millions of tracking life circles.
- Superior low light performance
- Long IR supplement light distance
- 1.5Tops Deep-learning engine, support human/vehicles detection, auto-tracking
- IP67 Water immersion /true IK10 glass/6KV Surge protection,7x24H harsh weather
- Stable supply-chain, long product life circle
- Confirms to data protection regulations of major countries.

Application:

Wide range area intrusion, perimeter protection and alarm and smart-tracking: such as airport, express way, parks, scenic spots, stations and venues, industrial park. Suggestion installation: at 5-15m in height.





SPECIFICATION:

Camera Module		
Image sensor	1/2.8" progressive scan CMOS image sensor,	
Max resolution	1920x1080	
Mini. Illumination	Color:0.00125Lux@ (F1.65, AGCON); B/W:0.00025Lux@ (F1.65, AGC ON); 0Lux with IR	
Image setting	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, etc. adjusted by client	
Electronic Shutter Speed	60Hz: 1/30s – 1/30,000s@60fps; 50Hz: 1/25s~1/25,000s@60fps	
White Balance	Auto/Manual/Indoor/Outdoor	
Gain control	Auto/Manual	
Day & Night control	Auto/Manual ,time schedule	
Iris control	Auto/Manual	
SNR	≥52dB	
Electronic Dynamic	50 dB	
Digital Image Stabilizer	Supported	
3D DNR	Auto/Manual	
AE Enhancement	BLC, HLC, 128dB WDR	
Privacy Mask	4mask	
Picture overlay	Logo picture could be overlaid on video with 128x128pixels,24bits format	
OSD overlay	Max 15 characters/line, 8 lines, white or red font color	
Lens		
Focus length	f=4.8-154mm,32x optical zoom	
Zoom Speed	Approx. 4.4s	
Field of View(W-T,±5%)	Horizontal: 72.38° ~ 2.28° ; Vertical: 44.74° ~ 1.29°; Diagonal: 75.22° ~2.61°;	
Image distance	Wide: 1.0m ~ INF; tele: 1.5m ~ INF	
Aperture Range	F1.65-F4.70(W-T)	
Iris Type	DC IRIS	
IRCut type	Removable IRCF, reflection type	
DORI Dist.	Focus length	f=4.8mm; f=154mm
	Detect	73.5m(241.1 ft.); 1912.6 m (6275 ft.)
	Observe	29.2m(95.7 ft.); 759.1m(2490.6ft.)
	Recognize	14.7m(48.22 ft.); 382.5m(1254.9ft.)
	Identify	7.35m(24.11 ft.); 191.3m(627.5ft.)
PTZ		
Pan Range	360°endless	
Pan speed	Configurable, from 0.1~360°/s; Preset speed: 300°/s	
Tilt Range	From +15° to -90°	
Tilt Speed	Configurable, from 0.1°~210°/s, Preset speed: 145°/s	
Manual Speed	Pan 0.1° /Sec to 100°/Sec, Tilt 0.1° /Sec to 50°/Sec	
Proportional Zoom	Yes	
Preset	300	
Cruise	8 cruises, up to 16 presets (ver5.1.3 update:32presets) for each cruises	
Trace	4 traces, record time over 3 minutes (ver5.1.3 update: 10minutes) for each trace	



*Product casing and specifications are subject to change without prior notice.



Power off memory	Support
Action mode	Preset/Cruise/Trace/Auto Scan/Random Scan
3D Positioning	Support
PTZ status display	Support
Schedule Task	Preset/Cruise/Trace/Random Scan/Boundary Scanning /Dome reboot
IR	

IR Distance	300m (984.3 f.t.)
IR type	4W 850nm stacked IR Array,8pcs
Smart IR	Yes

Network	
Main stream	50Hz: 60fps: 1920×1080,1280×960,1280×720,60Hz: 60fps: 1920×1080,1280×960,1280×720
Sub stream	50Hz: 60fps (704× 576, 640 × 480, 352 × 288); 60Hz: 60fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video compression	H.265+/H.265/H.264+/H.264/MJPEG
H.264 Standard	H.264/AVC codec BP/MP/HP, Level 5.1
H.265 Standard	H.265/HEVC codec MP, level 5.0
Mic	External Mic Input Supported
Video Bit Rate	64 Kbps to 16Mbps
Audio compression	G.711 A/U
Audio Bit Rate	64K bps
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, DHCP, PPPoE, P2P, MTMP
User / Host	Up to 16 users, 3 levels: Administrator, Advanced User and Normal User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering
API	ONVIF, support SDK and third-party management platform
Web Browser	IE8-11 with plug-in; Edge, Chrome, Firefox with plugin free

Smart Features	
Basic event	Camera Sabotage, Motion detection, Video tampering alarm, Exception (Network disconnected, IP address conflict, SD full, SD error)
Road traffic	Vehicle detecting and tracking.
Smart Tracking	support smart tracking of human or vehicle, auto/manual

System Integration	
Alarm Interface	2 Alarm input (Dry contact); 2 Alarm output
Audio Interface	1 audio input, line level, 2.0-2.4Vpp, impedance 1KΩ; 1 audio output, line level, impedance,600Ω
Alarm Linkage	Alarm actions, such as Preset, Cruise, Trace, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card, Send Email, etc.
Network Interface	1 RJ45 10M/100M Adaptive Ethernet, Support PoE+
SD Card Slot	One MicroSD slot and chamber, up to 256 GB
Reset button	Yes
Electric Heater & Fan	Yes
Water removal	Remove water-drops by quick spinning
Demist	Active electric heating and air loop





General	
languages	English
Power supply	DC24V±25%1500mA
	PoE+ (802.3.at), avg. 12W, max 24W, including IR 8W
Working condition	-40°C ~ 65°C (-40°F ~ 149°F), IR off; -40°C ~ 45°C,IR on; Cold start at - 30°C; 90%RH
Storage condition	-40°C ~ 60°C ; ≤ 90% RH
Protection	6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Certification	IP67, IK10(including glass window), ROHS, CE, FCC, BIS

