



# Face Recognition 8MP Speed Dome GL-6.2-36-44 ASD PTZ

Enhance IVA | Face Recognition | Object Counting | Auto Tracking | 31x Zoom | 200m IR | DIS | Defog | H.265

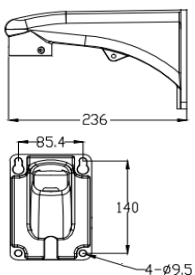
## Features

- Onvif S, T, G protocol compliant and RTSP protocol support.
- Advance H.265 ULCR compression saves 60~80% bandwidth and storage size compared with H.264.
- Autonomous depth learning core algorithm of Enhanced Intelligent Video Analysis) and face recognition function for efficient surveillance.
- Face capture accuracy  $\geq 99\%$ , which supports quality image score filtering and removing duplication faces, as well as the glasses, hair occlusion, and the slight backlight do not affect the result of face recognition.
- Classify and count objects such as people and vehicles.
- Auto sound alarm output via the local speaker when the event triggers, even though there is no NVR connection.
- Eight cruising tracks (8 presets per cruising track, eight auto-scans (User-defined boundaries position, four patterns tour (500 programmable instructions/pattern
- Preset Speed up to  $300^\circ/S$ , and Menu speed can adjust the speed range to  $0.1\sim 240^\circ/S$ .
- Smart IR Illuminators adjust the IR LED light across the entire area to get an illuminated image, compelling up to 200 meters.
- Built-in DIS (digital video stabilizer) engine to avoid image vibration.
- Support DNR, WDR, Defog, HLC, Anti-shake function.
- Quick Zoom® simple Zoom and Auto-Focus adjustment remotely. Search and playback the video clips of SD card from Web Browser. Auto alarm when SD card and Network failed, IP conflict, Illegal access. Support export/import/restore system configuration for backup purposes. Removable IR-cut filter supports for Day & Night application used.
- Vandal-proof IK10-rated, IP 67 Weather-proof-rated Housing.
- True WDR Enhancement for Unparalleled Visibility in Extremely Bright and Dark Environments.
- On-camera motion detection and privacy mask.
- Pixel Counter and FPS display on the video for image clarity measurement to get the optimum video quality and file size.
- ROI (Region of Interest) encoding enhances the quality of images specified in advance when transmitting video.
- Adjustable auto-reboot schedule by day, weekly, once, and turn off.
- Wide operation temperature ( $-40^\circ C \sim 55^\circ C$ ) range.

## Overview

Glotec has designed the GL-6.2-36-44 ASD PTZ infrared speed dome network camera with high-performance edge analysis capability, dramatically improving video analysis accuracy. This algorithm is called "EVA" (Enhanced Video Analysis), and it is based on the EVA-provided functions that can create scalable, intelligent video security solutions for your customers to meet various application scenarios' current and future needs. Simultaneously, the camera is also built into the QkDefine® facial recognition engine, instantly identifying known threats. Facial recognition perfectly complements your existing surveillance system, enhancing real-time security and customer experience. The GL-6.2-36-44 ASD PTZ supports high-performance H.265/H.264 compression technology and offers extra smooth video quality with a resolution of up to 30 fps @ 4K resolution. With a sophisticated pan/tilt mechanism, the camera provides fast, precise movement with a continuous 360-degree pan and 90-degree tilt. Users can easily control the lens position via a mouse or a joystick to track the object of interest and set up 256 preset positions for patrolling. As with all Glotec proper day/night cameras, the GL-6.2-36-44 ASD PTZ is built in a movable IR-cut filter, maintaining clear images 24 hours a day. The built-in SD/SDHC card slot offers a convenient and portable storage option to prevent data loss in network disconnection. With features such as Auto tracking, intelligent motion detection, WDR, Anti-shock, Defog, 802.3at (POE+) compliant PoE, and wide temperature, the GL-6.2-36-44 ASD PTZ is the best choice for most demanding outdoor surveillance applications.

## Accessories



Wall mount bracket



Pole mount bracket



Outer wall Corner fix bracket

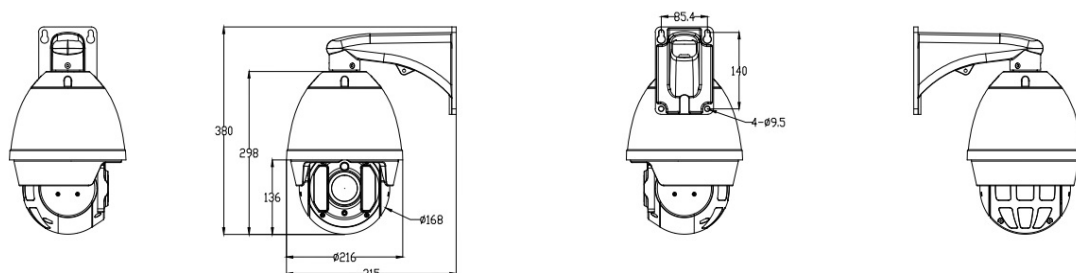


## Specification

Camera	
Image Sensor	1/2.8" SONY progressive CMOS sensor, 4K (3840×2160)
Min Illumination	Color: 0.02 Lux @ (F1.6, AGC ON); B/W: 0.005 Lux @ (F1.3, AGC ON, 1/8s shutter); 0 Lux. when IR ON.
S/N Ratio	≥ 50dB
Infrared Cut Filter	Auto / Day (Colour) / Night (Mono) / Schedule
Focal Length	31x Optical zoom(f=4.8 ~ 149 mm/ F1.3 to F5.2); 68.4° (Wide) to 2.48° (Tele end); 16x Digital zoom (Optional).
Pan/Tilt	
Pan/ Tilt Angle	360° continuous pan rotation/ 90° (Auto Flip)
Speed	Pan / Tilt: 0.1°~240° (Menu)   300°/S (Preset Speed)
Presets Number	256 presets; Accuracy +/-0.1°
Idle process	The dome will rotate back to Preset position/ Cruising/ Tour/Scan after a period of vacant time.
Scan Modes	8 auto scan tracks & 8 cruising tracks (user-defined boundaries, presets, scan speed and dwell time)
Pattern Tour	4 groups, 500 programmable instructions per pattern.
Schedule	User-defined the active Preset/ Cruising/ Tour/ Scan schedule
Face Recognition (Option)	
Database	Support 10000 Faces, 20 face targets detect simultaneously
Comparison	Allowing compared the photos with the face database manually
Recognize Face	Distance between pupils ≥ 60 pixels; face ≥ 150 pixels.
Attitude angle	Capture angle: ≤25° of pitch   ≤60° angle from left to right.
Accuracy	Capture: ≥98%   Recognize: ≥95%   Recognize speed: ≤200ms
Face Filter	Support duplicate Face and detection quality filter
Detection Area	Adjustable, define by user.
Alarm	
In/Out	Alarm input x2; Relay output x 1
Alarm Actions	Preset, Patrol, Pattern, Send to FTP, Recording, Snapshot, E-mail notify, Alarm output, Audio alarm
Audio	
Audio	G.711 Ulaw audio encoding and decoding. Line/ Microphone audio in; Audio output, Two-way audio, Audio in/out gain adjustable (Mute~100 levels)
IVS (Option)	
Object Counting, Face Recognition, Object Classification & Counting, Unattended/ Missing Object, Loitering, Tripwire Detection, Reverse Direction, Leaving Work Area, Helmet, Detection, Color Cast, Lose Focus, Image Expose Detection, Video Loss Detection, Audio Detection, Tamper Detection. table (Mute~100 levels)	
Control	
Brightness, Contrast, Saturation, Sharpness, Hue, Exposure, Video Occlusion detection, Defog, Motion detection, Mirror, Parameters Lock, Shutter, Privacy mask, Anti flicker, 3D Noise reduction, Auto Focus, DIS, IRIS, AES, AWB, AGC, BLC, HLC, WDR, ROI, Audio gain, Alarm in/out, IP address conflict, SD/HDD Full and failed detect, Import/Export Configuration, Anti-Shark, Interval Snapshot/Video schedule recording.	

Resolution	
4K(3840×2160), 6M(3072×2048), 5MP(2592×1944), 4MP(2304 × 1728), 3.1MP(2048 × 1536), 3MP(2304 × 1296), 2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280×720), D1(720×480, 720×576), VGA(640×480), CIF(352×240)	
Frame Rate	60Hz: 30 FPS @ 3840 × 2160 50Hz: 25 FPS @ 3840 × 2160
Compress	H.265, H.264 encoder, 16K-32 M Bits/s (CBR/VBR); 30fps@ 4 K resolution, Adjustable resolution, quality and bitrate
Focus	Manual / Auto (Continue, Zoom, Click Push)
Backlight	Backlight
WDR	≥ 140 dB True WDR/DWDR/Off Mode.
Protocols	
IPv4, IPv6, HTTP, HTTPS, SSL, TCP, ICMP, RTP, UDP, IGMP, RTCP, SMTP, DHCP, DNS, FTP, NTP, SNMP, SNTIP, DDNS, RTSP, RTMP, UPnP, PPPoE, Multicast.	
Micro SD Card/ Storage	SD/SDHC Slot, up to 128GB Edge recording (Option) / NAS (Support SAMBA/CIFS)
Ethernet	10/100/1000 Mbps Base-T, RJ-45
Camera Control	Pan/Tilt, Zoom, Focus, Click centering, Zoom by mouse dragging, Iris, preset calling and programming, auto mode
ONVIF	ONVIF Profile S, ONVIF Profile T, ONVIF Profile G
CPU, Memory	Embedded Quad-core ARM Cortex-A53 1.0GHz CPU & 2GBLPDDR4X, 8GB e. MMC memory
Security	Password Protection, Access log; Multi-level user access
Shutter	Auto /Fixed: 1/5s~1/120,000s
Configure	Import/Export parameters, Restore, Default setup
Update	Online Firmware update
Camera Control	Pan/Tilt, Zoom, Focus, Click centering, Zoom by mouse dragging, Iris, preset calling and programming, auto mode
Time clock	Manual Setting; NTP support, DST Bias and Real Time Clock.
Display Mode	16:9 / 4:3/ Full/ Original size modes.
Web Browser	IE, Edge, Chrome, Safari, Firefox.
Infrared	
IR irradiation	4 pieces VCSEL/ 4 pieces Laser IR Illuminators, effective up to 200 meters; Adjustable view angle by optical zoom
General	
Power Supply	Power supply: AC110-220V input DC24V/1.5A output (±10%) 36W PoE+ (IEEE 802.3at compliant)
Operation	Temperature: -40°~ +55°C; Humidity: 0~90%
Protection	TVS 4,000V lightning and voltage transient protection.
Mounting	Wall Mount/Ceiling mount (Option)
Size/ Weight	Φ216×380mm / 7kg   Aluminium alloy housing
Certification	BIS, CE, FCC, IK10, IP67, RoHS

## Diagram



## Order Information

### GL-6.2-36-44 ASD PTZ

8-Mega Outdoor | 31x

Zoom Speed Dome Network camera.

Specifications are subject to change without prior notice.

GLOTECH EXIM PRIVATE LIMITED.

Website: www.glotecinc.com

