

**GL-1IPB**

Thermal Bullet Camera

A thermal camera is an inspection tool that captures infrared energy – radiation emitted from an object – and creates an image. which are fixed bullet network cameras, ideal for security and surveillance applications.

There are multiple lens options available including; 6/8/15/25/35/50/60mm lenses. It is also having temperature measurement functionality with a temperature range of -40°C~150°C. The camera has multiple measurement tools which will allow for a small scale process control monitoring.

**Key Features:-**

* Resolution: 400x300/640x512 IR detector
* Multiple Lens Option: 8mm to 60mm
* ONVIF/API/SDK Compatibility
* Multiple Measurement Tools
* DVE Imaging
* **BIS, CE, ISO, FCC & ROHS** Certified

# Dimensions:-



**Specifications:-**

|  |  |  |
| --- | --- | --- |
|  | **GL400 Series** | **GL600 Series** |
| Detector Type |  Uncooled IRFPA Microbolometer 17µm |
| Detector Resolution | 400x300 | 640x512 |
| Thermal Sensitivity (N.E.T.D) | <70mK @F1.0, 300K |
| Spatial Resolution | 1.09mrad |  |
| Spectral range | 7.5~17μm |  |
| Color Palette | Black-Heat /White-Heat/Rainbow/Iron-Red up to 17 modes |
| Lens Type | Fixed |
| Lens Focus | Manual Focus |
| Features | Electronic Image Stabilization |
| Video & Audio |  |
| Compression | H.265, H.264, MUPEG |
| Frame Rate | Main Stream: D1 @25/30fps |
| Bit Rate Control | CBR/VBR |
| Bit Rate | 100Kps~6Mbps |
| Region of Interest | Off/On (8 Zone, Rectangle) |
| Digital Zoom | 16x |
| Mirror/Defog/Motion Detection | Support |
| Privacy Masking | Off/On (4 Area, Rectangle) |
| DVE Image Enhance | Support |
| Audio Compression | G.711, AMR, RAW\_PCM (Optionally) |
| Intelligence |  |
| Intelligent Functions | Motion Detection, Disk Alarm, I/O alarm, Temperature alarm |
| IVS | Perimeter, Single Virtual Fences, Double Virtual Fences, Objectleft, Object Removed |
| Detection Mode | Spot, Line, Area Intrusion |
| Measurement Tools | 3 temperature measurement rule types, 20 rules (20points/2lines/16regions) |
| Temperature Alarm | Over temperature alarm, temperature difference alarm |
| Accuracy | ±2°C/±2% |
| Response Time | ≤30ms |
| Environment Working Temperature | -40°C~60°C (-40°f~140°F), Humidity: 10-100% RH(Condensing) |
| Measurement Range | -40°C~150°C (-40°f~302°F) |
| Temperature Display Mode | Temperature Target ≤5°C, Display absolute temperature value, Temperature value (temperature difference DEV= highest value–average) |
| Network |  |
| Ethernet | RJ-45 (10/100 Base-T) |
| Protocols | IPv4/IPv6,HTTP,RTSP/RTP/RTCP,TCP/UDP,DHCP,DNS.PPPOE, SMTP,SIP,802.1x |
| Interoperability | ONVIF(Profile S,G,T),CGI,SDK |
| Streaming Type | Unicast |
| Max. User Access | 10 Users |
| Edge Storage | Support of Micro SD/Micro SDHC/Micro SDXC card up to 64GB |
| MTBF Value | 1,00,000 Hrs |

|  |  |  |
| --- | --- | --- |
|  | **GL400** | **GL600** |
| Memory | 512 MB RAM, 256MB Flash |
| Web Viewer | ≤IE11, Chrome, Firefox |
| Web Language | English, Chinese, Polish, Italian, Portuguese, Spanish, Russian,French,Czech, Hungarian |
| Interface |  |
| Ethernet | 1 Ethernet (10/100 Base-T) RJ-45 Connector |
| Audio Interface | 1ch Audio In, 1ch Audio Out |
| Alarm | 2ch Alarm In, 2ch Alarm Out |
| RS485/BNC Output/Reset Button | Support |
| General |  |
| Cyber Security | Password Protected, IP Address filtering, HTTPS an encryption, IEEE 802.1X (EAP-TLS) a network access control, Digest Authentications, User access log, centralized certificate management, Brute force delayProtection, Signed Firmware, Secure boot. |
| Power Supply | DC12V/POE (IEEE 802, 3af/3at) Type 1 Class 3 |
| Power Consumption | Max 5W |
| Operating Temperature | -40°C~60°C (-40°F~140°F) |
| Storage Conditions | 0~90% RH |
| Certifications | BIS, CE, ISO, FCC & ROHS |
| Ingress Protection | N/A |
| Casing | IP68, NEMA4x, Metal Casing |
| Dimensions | 110x388mm |
| Net Weight | 1.9KG |