GIGAMEDIA
SMART BUILDING SOLUTIONS

Pro series Speed dome. 8MP Resolution 37X Zoom Infrared 300m WDR 120 dB. IA functions (Smart tracking, Intelligent detection, Crossing line detection, Vehicle detection?) PoE+ IP67 IK10 ONVIF NDAA

GGM IPPS7837IR300

The IPPS7837IR300 is a speed dome from the Pro range.

It has a size of 7 inches, has a 37X optical zoom and infrared can illuminate up to 300 m.

It has excellent low-light performance thanks to a large sensor.

It has a resolution of 8 MP. It integrates many analytics functions such as vehicle and person detection and auto-tracking.

It supports crossing line detection and area intrusion alerts.

You can use 24 Smart Masks to hide private areas.

It has a micro SD card slot that can support a maximum capacity of 256 Gb.

It integrates an alarm input/output and an audio input/output.

You can set up a set of patrols and cruises to automate your movements or trigger them in the event of an alert.

Thanks to its IP67 and IK10 protection, you can install it in harsh environments and outdoors.

It can be powered by PoE++ (bt) or 24VAC/DC.

This camera is ONVIF and NDAA compliant.

A top-of-the-range speed dome, it will allow flawless surveillance for your car park surveillance projects, in cities, in tertiary or industrial projects.

Product features

- Produit : Gigamedia IP Speed dome camera

Article features

- Software : 1/5/2001
- Range : IM series
- Model Type : Dome
- Chipset : Novatek
- Image sensor : 1/ 1.8"CMOS
- Electronic shutter : 50Hz:1/25s-1/25,000s; 60Hz: 1/30 s - 1/30,000s.
- Iris Type : P-Iris
- Minimum illumination : Color 0.001 Lux @ (F1.2,AGC ON); B/W 0.0002 Lux @ (F1.2, AGC ON);0Lux with IR
- Lens : f= 6 ~ 222mm lens,37x optical zoom±5%
- Focus : motorized
- Lens Mount : ?14
- Field of view H/V/D : Horizontal: 59° to 1.98°; Vertical: 34.14° to 1.12°; Diagonal: 67.08° to 2.27°. (wide-tele) ±5%
- Day & Night : Timer, schedule, manual and auto
- Wdr (wide dynamic range) : 120dB
- BLC : Yes
- HLC : Yes
- Defog : Yes
- S/N ratio : >=52dB
- Digital NR : 3D DNR
- EIS : No
- Angle adjustement : pan: 360°endless; Tilt: -25° to 155°, auto flip at 90°;
- **Picture**
  - Video compression : Smart H.265+/H.265/H.264+/H.264/MJPEG
  - H264 Compression standard : H.264/AVC codec BP/MP/HP, Level 5.1
  - Image Size : 3840x2160
  - Privacy mask : 4 mask
  - Main stream : 50Hz/25fps: 3840× 2160,2560× 1440,1920×1080,1280×960,1280×720; 60Hz/30fps: 3840x2160,2560x1440,1920×1080,1280×960,1280×720
  - Sub Stream : 50Hz/25fps:704×576, 640 × 480, 352 × 288 60Hz/30fps:704 × 480, 640 × 480, 352 × 240
  - Third stream : 50Hz/25fps:1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 60Hz/30fps:1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240
  - Bitrate : 64K bps
  - Bit rate Type : VBR/CBR
  - Audio Compression : G.711 A/U
  - Image settings : Saturation, Brightness, Contrast, Sharpness, AGC, etc. adjusted by client
  - Corridor mode : No
  - ROI : 4 regions; each ROI to be configured separately
- **Interfaces**
  - Network : 1 RJ45 10M/100M Adaptive Ethernet
  - Surge Protection : Differential Mode±2KV, Common Mode±4KV
  - Vidéo Output : No
  - Number of audio in : 1
  - Number of audio out : 1
  - Buit-in speaker : N/A
  - Built-in microphone : /
  - Storage : Built-in micro SD card slot and chamber; up to 256GB
  - Reset : Yes
  - Alarm in : 2 Alarm input (Dry contact);
  - Alarm out : 2 Alarm output
- **PTZ**
  - Number of preset : 360
  - Number of patrol : 8 cruises, up to 16 presets for each cruises
  - 3D privacy mask support (number of zone) : Up to 4 privacy masks
- **Analytics**
  - Smart Event : Basic event: Motion detection, video tampering alarm, alarm input, alarm output, exception (Network disconnected, IP address conflict, SD full, SD error) Smart event: Line crossing detection, region entrance detection, object removal detection, intrusion detection, region exiting detection, audio exception detection Smart tracking: Manual/Auto-tracking of human/no-motor vehicle/motorized vehicle(ver5.1.1) 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
- **DORI (based on 2.8mm/2.8-12mm)**
  - Detect : f=6mm: 138.2m(453.4f.t.) f=222mm: 4,293m(14,084f.t.)

- Observe : f=6mm: 54.8m(217.5 f.t.) f=222mm: 1,706m (5,589 f.t.)
- Recognize : f=6mm: 27.6m(90.6 f.t.) f=222mm: 858.6m(2,817f.t.)
- Identify : f=6mm: 13.8m(31.3 f.t.) f=222mm: 429.3m(1,408f.t.)

- **Functions**
  - Remote monitoring : Web /NVR/GGM CENTRAL/GGM WATCH
  - Web browser : IE8-11,chrome, safari
  - Online connection : Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
  - Network protocol : HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, DHCP, PPPoE, P2P, RTMP
  - Onvif version/Profile : ONVIF 23.06/T, S, G
  - Smart Alarm : Alarm actions, such as Preset, Cruise, Trace, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card, Send Email, etc.
  - General function : Face capture: Detecting multiple faces in the same scene. Support detecting, capturing, grading, and output the best. Face comparison: (Default off) Yes Perimeter protection: Line crossing, Intrusion, Region entrance, Region exiting. Support alarm triggering by specified type
  - Security : User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering
  - POE : PoE++ (802.3.bt)
  - IR distance : 300m
  - Warm led distance : /
  - IP protection rate : IP67
  - IK protection rate : IK10
- **Others**
  - Power supply : AC/DC24, PoE++ (802.3.bt, class 6),
  - Power consumption : avg 14.5watt, max 51Watt(IR 10Watt, Heater 10Watt)
  - Storage conditions : -40°C ~ 70°C; <= 95% RH
  - Operating conditions : -40°C~70°C (-58°F ~ 158°F), IR off; -40°C~55°C, IR on; Cold start>=- 40°C(1 hour waiting); 90%RH
  - Dimension : 219.9mm x H 358.5mm(8.7inch x 14.1 inch),
  - Weight : Net weight Approx. 6.0 Kg (13.22 lb.)
  - Installation : at 6m to 15m in height.
  - Certificate : CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
  - Environmental protection : IP67(IEC 60529-2013), IK10 (IEC 62262:2002),6000V Lightning Protection, Surge Protection and Voltage Transient Protection

ETIM 10 features

- Model : Pan-Tilt-Zoom
- Construction type : Other
- Thermal camera : No
- Number of pixels (Megapixel) : 8
- With lens : Yes
- Modular (lens and camera separated) : No
- Focal size : 6 - 222
- Shutter control : DC
- Motor zoom : Yes
- Suitable for wall mounting : Yes
- Suitable for ceiling mounting : Yes
- Suitable for surface mounting : Yes
- Flush-mounted installation/built-in installation : No
- Suitable for outdoor use : Yes
- Communication medium wired : Yes
- Type of transmission medium : Twisted Pair
- Communication medium wireless : No
- Type of interface : None
- Protocol : TCP/IP
- Power over Ethernet (PoE) : 802.3bt (4PPoE)
- Picture system : PAL
- Frame rate : 30 fps
- Property picture system : Colour
- With infrared lighting : Yes
- Max. infrared reach : 300 m
- With white light : No
- Number of video streams : 3
- Supports H.264 codec : Yes

- Supports H.265 codec : Yes
- Supports Motion JPEG codec : No
- Supports MPEG-4 codec : No
- With video motion detector : Yes
- With integrated AI analysis : Yes
- With slot for memory card : Yes
- With memory card : No
- Memory capacity : 256 Go
- Number of digital inputs : 2
- Number of digital outputs : 2
- Number of audio inputs : 1
- Number of audio outputs : 1
- HDMI-connection : No
- Mini HDMI-connection : No
- VGA-connection (D-Sub 15-pole) : No
- DVI-connection : No
- DisplayPort-connection : No
- Mini DisplayPort : No
- S-Video-connection : No
- USB-C-connection : No
- Vandal proof : Yes
- Impact strength : IK10
- Degree of protection (IP) : IP67
- Horizontal field of view : 1,98 - 59
- Vertical field of view : 1,12 - 34,14
- With microphone : No
- With loudspeaker : No
- Supply voltage : 24 - 24
- Voltage type : AC/DC
- Colour : White
- Ambient temperature : -40 - 70
- Diameter : 219.9 mm
- Height : 358.5 mm
- Compatible with Apple HomeKit : No
- Compatible with Google Assistant : No
- Compatible with Amazon Alexa : No
- IFTTT support available : No