Licence plate camera 4MP 2.8-12 mm IR 100 m 120dB WDR Alarm I/O: 1/1 ANPR Distance: 16~48 m Maximum Speed: 120 Km/h PoE ONVIF NDAA.

GGM IPPBL4VM8IR

The IPPBL4VM2IR is a LPR camera. It has a resolution of 4MP, a motorized varifocal lens of 8~32 mm.

The infrared can illuminate up to 100m.

This camera captures license plates with direction recognition.

Vehicle characteristics are also captured such as color, vehicle type, plate color, and model.

The camera is capable of capturing plates at speeds of up to 120 km/h.

The catch rate is over 99%*

The camera has a built-in micro SD card slot that can accommodate a maximum capacity of 256 GB.

Up to 10,000 license plates can be stored.

The recommended distance for ANPR is 16~48m.

The camera has an alarm input and an alarm output to be able to control a barrier.

An RS485 output is also available.

Audio input/output is also available for two-way communication.

Its IP67 protection allows for outdoor use. As an access control solution for parking or access to secure sites, this camera will allow you to easily automate the opening of your barriers in all light conditions.

It will also allow you to capture plates for later research

*Under the recommended installation and lighting conditions.

Product features

- Produit : Gigamedia IP tube camera

Article features

- Software : 2/5/2002
- Range : A series
- Model Type : Bullet
- Chipset : Novatek
- Image sensor : 1 / 1.8" CMOS
- Electronic shutter : Manual or auto; manual: 1 / 1 s ~ 1 / 100000s

- Iris Type : DC Iris
- Minimum illumination : 0.001 lux@F1.6, AGC ON; 0 lux with iR
- Lens : 8~32mm@F1.6, motorized
- Focus : DC Iris
- Lens Mount : ?14
- Field of view H/V/D : Horizontal: 42°~16°; Vertical: 24°~ 9°; Diagonal: 49°~18°
- Day & Night : Auto
- Wdr (wide dynamic range) : 120dB
- BLC : Yes
- HLC : Yes
- Defog : Yes
- S/N ratio : >=50dB
- Digital NR : 3D DNR
- EIS : No
- Angle adjustement : Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°
- **Picture**
  - Video compression : Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
  - H264 Compression standard : Baseline Profile/Main Profile/High Profile
  - Image Size : 2688 × 1520
  - Privacy mask : 4 mask
  - Main stream : 4MP/2K/3MP/1080P(60Hz :1 ~ 30fps; 50Hz : 1 ~ 25fps) HFR Mode: 1080P(60Hz: 1~60fps; 50Hz: 1~50fps)
  - Sub Stream : 720P/D1/CIF (60Hz :1 ~ 30fps; 50Hz : 1 ~ 25fps)
  - Third stream : D1/CIF (60Hz :1 ~ 30fps; 50Hz : 1 ~ 25fps)
  - Bitrate : 64 Kbps ~ 8 Mbps
  - Bit rate Type : VBR / CBR
  - Audio Compression : G711A / U
  - Image settings : ROI, Saturation, Brightness, Hue, Contrast,Wide Dynamic, Sharpness,Vertically flip, Horizontally flip, NR,etc. adjustable through client software or web browser
  - Corridor mode : No
  - ROI : 8 regions;Each ROI to be configured separately
- **Interfaces**
  - Network : RJ 45 10M/100M self-adaptive Ethernet port
  - Surge Protection : Differential Mode±2KV, Common Mode±4KV
  - Vidéo Output : CVBS output (BNC× 1)
  - Number of audio in : 1
  - Number of audio out : 1
  - Buit-in speaker : /
  - Built-in microphone : 1CH built-in MIC
  - Storage : Built-in micro SD card slot; up to 256GB
  - Reset : Yes
  - Alarm in : 1CH alarm input
  - Alarm out : 1CH alarm output
- **PTZ**
  - Number of preset : 0
  - Number of patrol : /
  - 3D privacy mask support (number of zone) : /
- **Analytics**
  - Smart Event : Capture of vehicles with license plates and vehicles without license plate, Support plate exposure, travel direction recognition, plate character fault tolerance, plate comparison, snapshot time display Vehicle feature extraction: including vehicle color, plate color, vehicle type, vehicle brand/model, etc
- **DORI (based on 2.8mm/2.8-12mm)**
  - Detect : /
  - Observe : /
  - Recognize : /
  - Identify : /
- **Functions**
  - Remote monitoring : Web /NVR/GGM CENTRAL/GGM WATCH
  - Web browser : Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
  - Online connection : Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
  - Network protocol : UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST,802.1x, UPnP, HTTP , P2P, QoS
  - Onvif version/Profile : ONVIF 23.12/M, S, G
  - Smart Alarm : Motion detection, sensor alarm, SD card error, SD card full, IP address conflict, cable disconnection, audio alarm
  - General function : Watermark, video mask, heartbeat, ANR, cybersecurity

- Security : Video encryption, firmware encryption, HTTP encryption, configuration S encryption, illegal login lock IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP
- POE : Yes , IEEE802.3af
- IR distance : 70~100m
- Warm led distance : /
- IP protection rate : IP67
- IK protection rate : /

- **Others**
  - Power supply : DC12V/AC24V/PoE
  - Power consumption : DC12V: < 12W; AC24V: