



## IP DOME CAMERA

### GGM IPCDM4X4VE



Camera vandalproof dome resolution 4MP. PTZ functions.  
White led + IR up to 20m

IPCDM4X4VE camera is 4MP vandalproof PTZ\* camera . It integrates 2.8-12 mm motorized lens that is suitable for many situations. Infrared or white led can light up to 20m depending on installation environment. It can also be installed outside thanks to IP67 rate.

Embedded electronics is very qualitative and offers perfect picture quality in day and night

Many analytics functions ( AI ) are supported by the camera:

- ▶ Face detection
- ▶ Human & vehicle detection
- ▶ Perimeter intrusion
- ▶ Crossing line detection
- ▶ Object detection
- ▶ Cross counting
- ▶ Heatmap
- ▶ Crowd density detection
- ▶ Queue length detection
- ▶ License plate detection
- ▶ Rare sound detection

This device also embeds a micro SD card slot for 256 GB maximum capacity

This camera is very useful to secure shops, office buildings, schools

\* This camera is not designed to set up continuous patrols. PTZ function can be used for doubt removal. If you need to define continuous patrol/ movement, please choose speed dome camera.

ARTICLE FEATURES

**Camera type:** dome antivandal PTZ

INFORMATION SYSTEM

**CPU:** NT98529

**Flash memory:** 128MB NAND

**RAM:** 256MB\*2

TECHNICAL FEATURES

**Sensor:** SC4210, 1/1.8» CMOS Progressive

**Sensor max. resolution:** 2560 x1440

**Lens type:** Varifocale motorisée

**Focal length (mm):** 2.8-12 mm

**Aperture:** F1.2

**Auto iris:** Motorized

**Horizontal viewing angle (°):** 114.6° - 48.3°

**Vertical viewing angle (°):** 59° - 27.1°

**Diagonal viewing angle (°):** 141.6° - 55.5°

**Micro SD card slot:** Yes

**Digital input:** No

**Number of Digital input:** 0

**Digital output:** No

**Number of Digital output:** 0

**Audio in:** No

**Number of audio in:** 0

**Audio out:** Yes

**Number of audio out:** 0

**Built in microphone:** Yes

**Built-in speaker:** Yes

**Reset Button:** Yes

**POE:** 802.3 af

**Shutter speed:** 1/5 - 1/20000s

**Wdr (wide dynamic range):** 120 dB

**Day/Night:** Yes

**Day / night switch:** Automatic, manual, schedule

**Min. illumination:** Color 0.001lux @ F1.6(AGC ON) , B/W: 0 lux @ IR ON

**IR Range:** 20 m

**Embedded storage:** Micro SD card slot max 256 GB

VIDEO

**Video compression:** H.265+, H.265, H.264+, H.264 and MJPEG

**Resolution and framerate:** 50 fps@2560x1440

**Stream:** 3 simultaneous streams

**SNR:** 49

<b>Day/ Night mode:</b>	Yes
<b>IR management:</b>	Yes
<b>Picture flip/ mirror:</b>	Yes
<b>Corridor mode:</b>	No
<b>BLC:</b>	Yes
<b>HLC:</b>	Yes
<b>3D noise reduction:</b>	Yes
<b>Image setting:</b>	Hue, Contrast, White balance, Sharpness, Saturation, Brightness
<b>WDR management:</b>	Yes
<b>Privacy mask:</b>	4 zones
<b>Defog:</b>	No
<b>ROI:</b>	No

#### NETWORK

<b>Simultaneous connection on web:</b>	5
<b>Supported protocols:</b>	FTP, UPnP, IPv4/IPv6, DNS, NTP, RTP/RTSP, HTTP, SMTP, DHCP, SNMP, UDP, HTTPS, TCP/IP, PPPoE, DDNS
<b>Interface:</b>	RJ-45 10/100 Mbps
<b>Onvif version:</b>	ONVIF (Profile S/G/T)

#### PTZ

<b>PAN (°):</b>	350
<b>Tilt:</b>	0° to 80°
<b>VPAN (°/s):</b>	0.6° to 54°/s
<b>VTILT (°/s):</b>	0.6° to 52°/s
<b>Number of preset:</b>	255
<b>Number of patrols:</b>	0
<b>3D Positioning:</b>	Yes
<b>Smart tracking:</b>	No

#### ANALYTICS

<b>Face detection:</b>	Yes
<b>Human and vehicle detection:</b>	Yes
<b>Perimeter Detection Intrusion:</b>	Yes
<b>Crossing Line Detection:</b>	Yes
<b>Stationnary Object Detection:</b>	Yes
<b>Cross Counting:</b>	Yes
<b>Heat Map:</b>	Yes
<b>Crowd Density Detection:</b>	Yes
<b>Queue length detection:</b>	Yes
<b>Licence plate Detection:</b>	Yes
<b>Rare Sound Detection:</b>	Yes

ALARM AND EVENT

<b>Motion Detection:</b>	Yes
<b>Manual triggering:</b>	Yes
<b>Periodical Trigger:</b>	Yes
<b>System boot:</b>	Yes
<b>Recording notification:</b>	Yes
<b>Camera tamper detection:</b>	Yes
<b>Alarm action:</b>	Yes
<b>Flash Alarm:</b>	Yes
<b>Event notification:</b>	Yes (using HTTP, SMTP, FTP, NAS server)
<b>File upload:</b>	Yes (via HTTP, SMTP, FTP, NAS server and MicroSD card)

GENERAL INFORMATION

<b>Connector:</b>	RJ-45, 12VDC
<b>Power supply:</b>	PoE (802.3af) or 12 VDC
<b>Power Consumption:</b>	8.8W
<b>Diameter (mm):</b>	153
<b>Depth (mm):</b>	0
<b>Width (mm):</b>	0
<b>Height (mm):</b>	118
<b>Weight (kg):</b>	0.95
<b>Material:</b>	Metal
<b>IP Protection:</b>	IP67
<b>Operating temperature range:</b>	From -35 to 60°C
<b>Storage Temperature:</b>	De -35 à 60°C
<b>Operating humidity:</b>	95%
<b>Warranty period:</b>	24

OS AND REQUIRED CONFIGURATION

<b>OS:</b>	Microsoft Windows, MAC
<b>Web browser:</b>	IE10/11, Safari V12.1 above, Firefox V.52 above, Google chrome V.57 above, Edge V.79 above

PART NUMBER	DESCRIPTION
<b>GGM IPCDM4X4VE</b>	IP Camera vandalproof dome resolution45MP. PTZ functions. White led + IR up to 2

