



## IP SPEED DOME CAMERA

### GGM IPCSD2X18IR100

1080p  
optical zoom 18X  
IR 100M  
PoE+  
66



The Speed dome IPCSD2X18IR100 camera has a Full HD resolution (1080P) to provide a high-resolution image. It also has an 18X optical zoom to zoom in on distant details. Its infrared can illuminate up to a distance of 100m and will allow quality night vision.

This camera can handle up to 255 prepositions and perform automatic patrols

This camera also has tracking function. You can connect external equipment to it thanks to the alarm and sound inputs/outputs.

Other smart analytics features are also available.

This camera has an excellent price/performance ratio and can be used in the surveillance of buildings, schools, shopping malls in particular.

ARTICLE FEATURES

**Camera type:** Speed dôme

INFORMATION SYSTEM

**CPU:** NT98528  
**Flash memory:** 128MB NAND  
**RAM:** 256MB\*2

TECHNICAL FEATURES

**Sensor:** SC200AI, 1/2.7» CMOS Progressive  
**Sensor max. resolution:** 1920 x 1080  
**Lens type:** Motorized lens  
**Focal length (mm):** 5-90 mm  
**Aperture:** F1.6  
**Auto iris:** Motorized  
**Horizontal viewing angle (°):** 53.3°-3.8°  
**Vertical viewing angle (°):** 30.7-2.2°  
**Diagonal viewing angle (°):** 60.4-4.4°  
**Micro SD card slot:** Yes  
**Digital input:** Yes  
**Number of Digital input:** 1  
**Digital output:** Yes  
**Number of Digital output:** 1  
**Audio in:** Yes  
**Number of audio in:** 1  
**Audio out:** Yes  
**Number of audio out:** 1  
**Built in microphone:** No  
**Built-in speaker:** No  
**Reset Button:** Yes  
**POE:** 802.3at  
**Shutter speed:** 1/5 - 1/20000s  
**Wdr (wide dynamic range):** 120 dB  
**Day/Night:** Yes  
**Day / night switch:** Automatic, manual, schedule  
**Min. illumination:** Color 0.003 Lux @ (F1.6, AGC ON), B/W: 0 Lux @IR ON  
**IR Range:** 100 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:** 25 fps@1920 x 1080  
**Stream:** 3 simultaneous streams  
**SNR:** 33

<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>	White balance, Sharpness, Contrast, Saturation, Brightness, Hue
<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>	HTTPS, NTP, HTTP, SMTP, TCP/IP, DHCP, DNS, FTP, PPPoE, SNMP, DDNS, UDP, UPnP, IPv4/IPv6, RTP/RTSP
<b>Interface:</b>	RJ-45 10/100 Mbps
<b>Onvif version:</b>	ONVIF (Profile S/G/T)

#### PTZ

<b>PAN (°):</b>	360
<b>Tilt:</b>	-10° to 90° (auto flip)
<b>VPAN (°/s):</b>	120°/s
<b>VTILT (°/s):</b>	100°/s
<b>Number of preset:</b>	255
<b>Number of patrols:</b>	1
<b>3D Positioning:</b>	Yes
<b>Smart tracking:</b>	Yes

#### 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, Alarm I/O Audio I/O
<b>Power supply:</b>	PoE (802.3af) or 12 VDC
<b>Power Consumption:</b>	22W
<b>Diameter (mm):</b>	160
<b>Depth (mm):</b>	0
<b>Width (mm):</b>	0
<b>Height (mm):</b>	270
<b>Weight (kg):</b>	2.5
<b>IP Protection:</b>	IP66
<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 IPCSD2X18IR100</b>	IP Speed dome 1080P optical zoom 18X, IR 100M, PoE+, IP 66
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