



# PRO SPLICED LENS IP CAMERA

## GGM IPPTP8F2DL



Pro Range

A perfect solution for monitoring car parks, forecourts, shops and tertiary buildings, this camera has many features to meet your security needs.

### FEATURES

<b>Software :</b>	5.2.3
<b>Model Type :</b>	Turret
<b>Chipset :</b>	Novatek
<b>Image sensor :</b>	1/2.7" ProgressiveScanCMOSx2
<b>Image size :</b>	4640x1760
<b>Electronic shutter :</b>	1 / 3 s ~ 1 / 100000 s
<b>Iris Type :</b>	Fixed Iris
<b>Minimum illumination :</b>	0.0032 lux@F1.6, AGC ON; 0 lux with LED ON
<b>Lens :</b>	2.8 mm @F1.6
<b>Focus :</b>	Fixed
<b>Lens Mount :</b>	M12
<b>Field of view H/V/D :</b>	Horizontal: 180°; Vertical:66°
<b>Day &amp; Night :</b>	Auto
<b>WDR (wide dynamic range) :</b>	Digital WDR
<b>BLC :</b>	Yes
<b>HLC :</b>	Yes
<b>Defog :</b>	Yes
<b>S/N ratio :</b>	≥50dB
<b>Digital NR :</b>	3D DNR
<b>EIS :</b>	Yes
<b>Angle adjustment :</b>	Pan: 0°~360° ; Tilt:0°~75° ; Rotation: 0°~360°

## PICTURE

<b>Video compression :</b>	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
<b>H265 Compression standard :</b>	Baseline Profile/Main Profile/High Profile
<b>Privacy mask :</b>	4 mask
<b>Main stream :</b>	8MP/6MP/4MP/2MP(60Hz : 1~30fps; 50Hz : 1~25fps)
<b>Sub Stream :</b>	2048×768/1600×608/1200×448(60Hz:1 ~ 30fps; 50Hz: 1 ~ 25fps )
<b>Third stream :</b>	1200×448/960×368/640×240(60Hz:1 ~ 30fps; 50Hz: 1 ~ 25fps )
<b>Bitrate :</b>	64 Kbps ~10Mbps
<b>Bit rate Type :</b>	VBR / CBR
<b>Audio Compression :</b>	G711A / U
<b>Image settings :</b>	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, etc. adjustable through client software or web browser
<b>Corridor mode :</b>	No
<b>ROI :</b>	Each ROI to be configured separately

## INTERFACES

<b>Network :</b>	RJ 45 10M/100M self-adaptive Ethernet port
<b>Surge Protection :</b>	Differential Mode±2KV, Common Mode±4KV
<b>Video Output :</b>	No
<b>Number of audio in :</b>	1
<b>Number of audio out :</b>	1
<b>Built-in speaker :</b>	1CH built-in speaker
<b>Built-in microphone :</b>	2CH Built-in MIC
<b>Storage :</b>	Network remote storage; micro SD card storage up to 256 Gb
<b>Reset :</b>	Yes
<b>Alarm in :</b>	1CH alarm input
<b>Alarm out :</b>	1CH alarm output

## ANALYTICS

<b>Smart Event :</b>	Line crossing, region intrusion/entrance/exiting (human/vehicle classification), loitering detection, illegal parking detection, abandoned/missing object detection
<b>Statistics :</b>	Target counting by line/area, heat map
<b>Exception detection :</b>	Scene change, video blur and abnormal color detection, audio exception
<b>Face detection :</b>	Face detection and face capture
<b>Video Metadata :</b>	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 4 motor vehicle features and 1 non-motor vehicle feature

## DORI (BASED ON 2.8mm/2.8-12mm)

<b>Detect :</b>	60m(196ft)
<b>Observe :</b>	24m(79ft)
<b>Recognize :</b>	12m(39ft)
<b>Identify :</b>	6m(20ft)

## FUNCTIONS

<b>Remote monitoring :</b>	Web browser /TVT NVR/GGM CENTRAL/GGM WATCH
<b>Web browser :</b>	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
<b>Online connection :</b>	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
<b>Network protocol :</b>	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, P2P, QoS
<b>Onvif version/Profile :</b>	ONVIF 24.12/M, T, S, G
<b>Smart Alarm :</b>	Motion detection, SMD, SD card error, SD card full, IP address conflict, Network disconnection, sensor alarm, audio alarm, light alarm
<b>General function :</b>	Watermark, video mask, heartbeat, smart supplement light, ANR, cloud upgrade
<b>Security :</b>	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and token authentication for HTTP/RTSP
<b>POE :</b>	Yes , IEEE802.3af
<b>IR distance :</b>	30m
<b>Warm led distance :</b>	20m
<b>IP protection rate :</b>	IP66
<b>IK protection rate :</b>	/

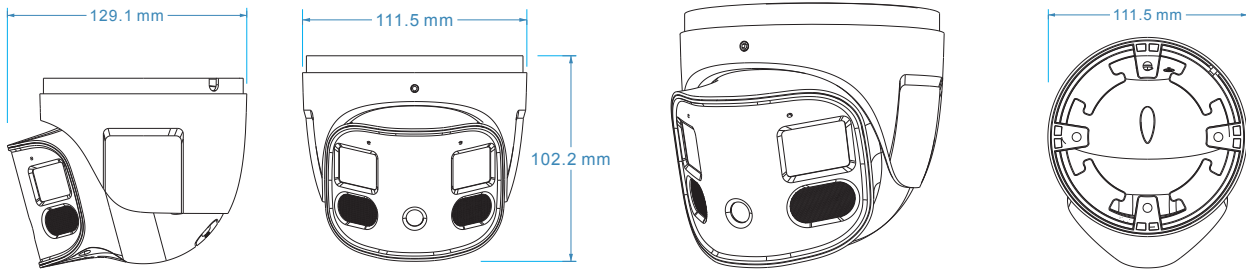
## OTHERS

<b>Power supply :</b>	DC12V/Po
<b>Power consumption :</b>	PoE: max. 10.2W; DC12V: max. 9W
<b>Storage conditions :</b>	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
<b>Operating conditions :</b>	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
<b>Dimension :</b>	Ø 111.5 x 102.2
<b>Weight :</b>	Approx.0.719KG
<b>Installation :</b>	Ceiling mounting; Wall mounting
<b>Certificate :</b>	CE, FCC
<b>Environmental protection :</b>	Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)

## PART-NUMBER

PART-NUMBER	DESCRIPTION
<b>GGM IPPTP8F2DL</b>	Dual lens splicing turret 8MP IR 30m warm led 20m. Lens 2x 2.8mm IP66 ONVIF NDAA

DIMENSIONS FOR GGM IPPTP8F2DL



ACCESSORIES FOR GGM IPPTP8F2DL

