



# ESSENTIAL TURRET IP CAMERA

## GGM IPIT4F2DL



### Essential Range

The «Initio» series is an economical range to secure your sites. This camera is suitable for installation in private homes, in small retailers or any other project where you want to secure yourself at a lower cost.

#### FEATURES

<b>Software :</b>	5.1.2
<b>Model Type :</b>	Turret
<b>Chipset :</b>	Novatek
<b>Image sensor :</b>	1/3" CMOS
<b>Image size :</b>	2560×1440
<b>Electronic shutter :</b>	1 / 3s ~ 1 / 100000s
<b>Iris Type :</b>	Fixed Iris
<b>Minimum illumination :</b>	0.09 lux @F2.2, AGC ON; 0 lux (Illuminator on)
<b>Lens :</b>	2.8 mm@F2.2
<b>Focus :</b>	Fixed Iris
<b>Lens Mount :</b>	M12
<b>Field of view H/V/D :</b>	Horizontal FoV: 96°; Vertical FoV:53.7°; Diagonal FoV:112°
<b>Day &amp; Night :</b>	ICR
<b>WDR (wide dynamic range) :</b>	Digital WDR
<b>BLC :</b>	Yes
<b>HLC :</b>	Yes
<b>Defog :</b>	No
<b>S/N ratio :</b>	≥50dB
<b>Digital NR :</b>	3D DNR
<b>EIS :</b>	No
<b>Angle ajustement :</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
<b>H265 Compression standard :</b>	H.265 Compression Standard: Main Profile@Level4.1 High Tier
<b>Privacy mask :</b>	4 mask
<b>Main stream :</b>	4MP/3MP/1080P/720P (60Hz: 1~30fps; 50Hz: 1~25fps)
<b>Sub Stream :</b>	D1/VGA/480× 240/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
<b>Third stream :</b>	/
<b>Bitrate :</b>	64 Kbps ~ 3 Mbps
<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, Image Mirror, Image Flip, 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>	RJ45
<b>Surge Protection :</b>	Differential Mode±2KV, Common Mode±4KV
<b>Video Output :</b>	No
<b>Number of audio in :</b>	0
<b>Number of audio out :</b>	0
<b>Built-in speaker :</b>	/
<b>Built-in microphone :</b>	1CH built-in MIC
<b>Storage :</b>	Network remote storage
<b>Reset :</b>	No
<b>Alarm in :</b>	/
<b>Alarm out :</b>	/

## ANALYTICS

<b>Smart Event :</b>	(Human) region intrusion detection, (human)line crossing detection
<b>Statistics :</b>	/
<b>Exception detection :</b>	Support smart motion detection; filtering motion alarm triggered by other target types except humans
<b>Face detection :</b>	/
<b>Video Metadata :</b>	/

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

<b>Detect :</b>	57m(187ft)
<b>Observe :</b>	23m(75ft)
<b>Recognize :</b>	11m(36ft)
<b>Identify :</b>	6m(20ft)

## FUNCTIONS

<b>Remote monitoring :</b>	Web browser /TVT NVR/GGM CENTRAL/GGM WATCH
<b>Web browser :</b>	IE 11 (plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
<b>Online connection :</b>	Support simultaneous monitoring for up to 3 users; Support multi-stream real time transmission
<b>Network protocol :</b>	UDP, IPv4, IPv6, DHCP, NTP, RTSP, 802.1x, HTTP
<b>Onvif version/Profile :</b>	ONVIF 23.06/S
<b>Smart Alarm :</b>	/
<b>General function :</b>	Watermark, video mask, heartbeat
<b>Security :</b>	Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP
<b>POE :</b>	Yes, IEEE802.3 af
<b>IR distance :</b>	20 ~ 30 m
<b>Warm led distance :</b>	10 ~ 20 m
<b>IP protection rate :</b>	IP67
<b>IK protection rate :</b>	/

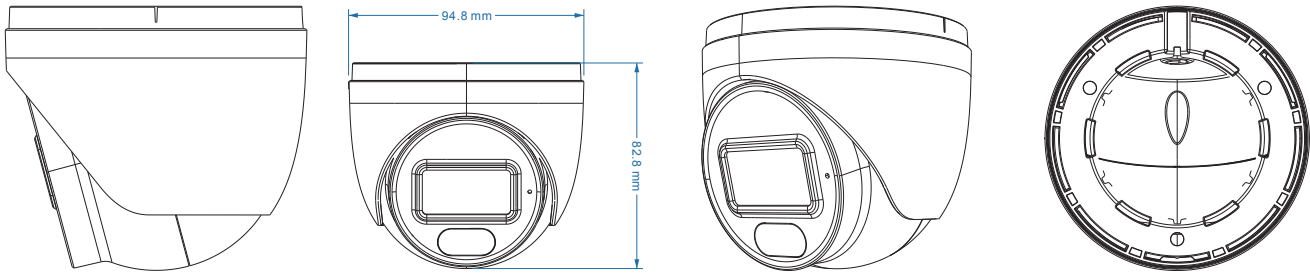
## OTHERS

<b>Power supply :</b>	DC12V/PoE
<b>Power consumption :</b>	< 5W
<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 94.8 x 82.8
<b>Weight :</b>	Approx. 0. KG
<b>Installation :</b>	Ceiling mounting; wall mounting
<b>Certificate :</b>	CE, FCC
<b>Environmental protection :</b>	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)

## PART-NUMBER

PART-NUMBER	DESCRIPTION
<b>GGM IPIT4F2DL</b>	Essential Turret series. Resolution 4MP lens 2.8 mm IR and WL: 30m IA lite PoE IP67

DIMENSIONS FOR GGM IPIT4F2DL



ACCESSORIES FOR GGM IPIT4F2DL



GGM AJB009



GGM AWMB001



GGM AJB014



GGM AJB009+GGM APMB001



GGM AJB009+GGM AWMB016