



ESSENTIAL BULLET IP CAMERA

GGM IPIB8F2DL



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

Software :	5.2.3
Model Type :	Bullet
Chipset :	Novatek
Image sensor :	1/2.7" CMOS
Image size :	3840×2160
Electronic shutter :	1/3s ~ 1 / 100000s
Iris Type :	Fixed Iris
Minimum illumination :	0.01 lux @F1.6, AGC ON; 0 lux with illumination on
Lens :	2.8 mm@F1.6
Focus :	Fixed Iris
Lens Mount :	M12
Field of view H/V/D :	Horizontal FoV: 106.5°; Vertical FoV:58.5°; Diagonal FoV:124°
Day & Night :	Auto
WDR (wide dynamic range) :	120dB
BLC :	Yes
HLC :	Yes
Defog :	No
S/N ratio :	≥50dB
Digital NR :	3D DNR
EIS :	No
Angle adjustment :	Pan: 0 ~360 ; Tilt: ° ° 0°~80° ; 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
H265 Compression standard :	H.265 Compression Standard: Main Profile@Level4.1 High Tier
Privacy mask :	4 mask
Main stream :	8MP/6MP/4MP/2K/1080P (60Hz: 1~20fps; 50Hz: 1~20fps)
Sub Stream :	720P/D1/VGA/640× 360 /480× 240/CIF (60Hz: 1~20fps; 50Hz: 1~20fps)
Third stream :	/
Bitrate :	64 Kbps ~ 3 Mbps
Bit rate Type :	VBR / CBR
Audio Compression :	G711A/U
Image settings :	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image 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 (10/100 Base-T)
Surge Protection :	Differential Mode±2KV, Common Mode±4KV
Video Output :	No
Number of audio in :	1
Number of audio out :	0
Built-in speaker :	/
Built-in microphone :	1CH built-in MIC
Storage :	Network remote storage; micro SD card storage up to 256 Gb
Reset :	Yes
Alarm in :	/
Alarm out :	/

ANALYTICS

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

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

Detect :	77m(253ft)
Observe :	31m(101ft)
Recognize :	15m(51ft)
Identify :	8m(25ft)

FUNCTIONS

Remote monitoring :	Web browser /TVT 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 6 users; Support multi-stream real time transmission
Network protocol :	UDP, IPv4, IPv6, DHCP, NTP, RTSP, DDNS, 802.1x, HTTP, P2P, QoS
Onvif version/Profile :	ONVIF 23.06/M, S, G
Smart Alarm :	Motion detection, SD card error, SD card full, IP address conflict, network disconnection, white light alarm triggered by smart events
General function :	Watermark, IP address filtering, video mask, heartbeat, ANR, smart supplement light, disarming
Security :	Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and token authentication for HTTP/RTSP
POE :	Yes, IEEE802.3af
IR distance :	20 ~ 30 m
Warm led distance :	20 ~ 30 m
IP protection rate :	IP67
IK protection rate :	/

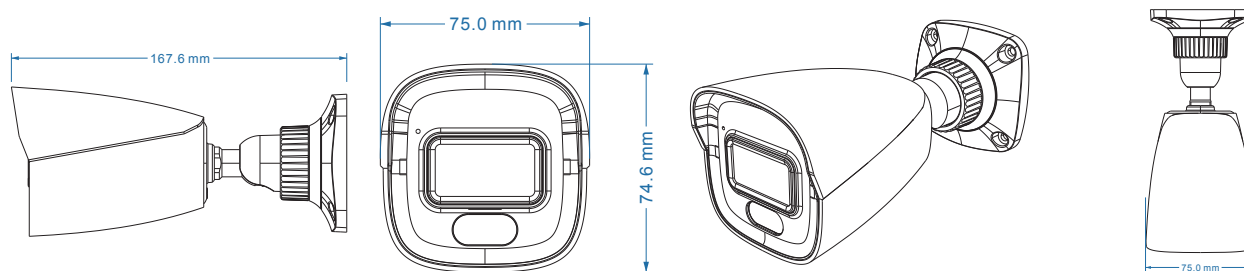
OTHERS

Power supply :	DC12V/PoE
Power consumption :	DC12V: max. 5.4W; PoE: max. 6.9W
Storage conditions :	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Operating conditions :	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
Dimension :	167.6 x x 75 74.6
Weight :	Approx. 0.416 KG
Installation :	Ceiling mounting; wall mounting
Certificate :	CE, FCC
Environmental protection :	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)

PART-NUMBER

PART-NUMBER	DESCRIPTION
GGM IP1B8F2DL	Essential Bullet series. Resolution 8MP lens 2.8 mm IR and WL: 30m IA lite PoE IP67

DIMENSIONS FOR GGM IPB8F2DL



ACCESSORIES FOR GGM IPB8F2DL



GGM AJB009



GGM AJB014



GGM AJB009+GGM ATMB002



GGM AJB009+GGM APMB001



GGM AJB009+GGM ACMB001



GGM AJB009+GGM AWMB016