

GIP-H265-2.1MP-CP2-3.3MM

Rev 2.0



Highlights

- 2 Megapixel 1/2.8" SONY CMOS image sensor
- Max. 1920x1080 (Full HD) @ 30fps
- 3,3mm (120deg diagonal) fixed focus lens
- Quad Streaming of H.265, H.264 and MJPEG
- Digital 8x zoom
- PoE: IEEE802.3af
- Conformant with ONVIF: Profile-S
- Windows based IP Manager



2 Megapixel IP Miniature Camera

Introduction

The GIP-H265-2.1MP-CP2-3.3MM is a 2 Megapixel IP-camera providing Full HD resolution with a fixed focal length of 3,3mm. Only one network cable is required to operate this camera, since it features PoE. Up to four simultaneous streams are available. The cameras configuration is done via a web interface.

Unlike traditional surveillance cameras, this 2MP IP camera is designed for an extended product life cycle of at least 5 years.

Customization

A 6mm lens is optional and can be delivered stating at a minimum order quantity of 25 pieces.

If more resolution is needed, a 5MP version can be delivered stating at a minimum order quantity of 25 pieces.

Other customizations, like changes to the housing, individual product numbers etc. are possible for order quantities of 100 pieces and more.

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substituted for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation, and testing of the products with respect to the relevant specific application or use thereof. Neither GeT Cameras nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein or incorrect information in this document.

Technical Specifications

Image Sensor and processing	
Image sensor	Sony 1/2.8" IMX307 CMOS rolling shutter Sensor
Total number of Pixels	2,15MP, 1945Px x 1109Px (H x V)
Lens	2 Megapixel 3,3mm fixed; 6mm fixed optional starting at 25pcs
Minimum working distance	400mm
Wide dynamic range	DOL HDR (Digital Over Lab High Dynamic Range)
Day and night mode	Automatic, Day, Night
Noise reduction	2D + 3DNR WDR Defog
Exposure modes	Automatic Manual
Shutter speed	1/30.000s to 1/30s
Gain	Automatic or manual control 0dB to 69dB
White balance	Automatic Outdoor Shade Clear Sky Fluorescent light Light bulb (Incandescent Light) Manual
Zoom	8x digital zoom (ePTZ)
Image manipulation	Mirror Flip
Lens distortion compensation	On/Off
Operation environment	
Humidity	0-90% (non-condensing)
Temperature	0°C-50°C
Power supply	PoE (IEEE802.3af)
Power consumption	4W
Dimension	52,0mm x 58,2mm x 50,0mm (W x D x H)
Weight	200g

Network parameters

Video compression	H265 Main profile H264 (High, Main) MJPEG
Video resolution	1920x1080 1280x720 1024x576 768x432 704x392 640x360 384x216
Video frame rate	Up to 30fps @1920x1080p
Video streaming	Simultaneously H264, H264 and MJPEG Quad streaming Independent frame rate and bandwidth control VBR CBR
User groups	Administrator Operator Guest
Security	Multi user management IP filter HTTPs
Network time sync	Computer / NTP server Manual
Protocols	TCP/IP UDP IPv4/v6 HTTP & HTTPs FTP UPnP RTP & RTSP RTCP DHCP ARP Zeroconf Bonjour SNMP
Client software	Built-in web interface ONVIF compatible 3rd party VMS
Max. user connections	10 users
SDK support	API ONVIF Profile S/T compliant
Ethernet Tx/Rx	RJ-45 (10/100Base-T)

Mechanical drawing

