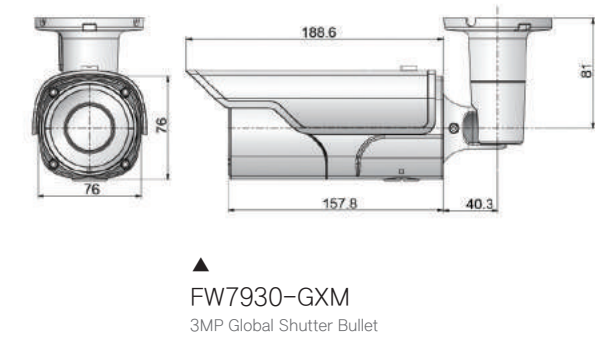


FW7930-GXM

3MP Global Shutter Bullet



FW7930-GXM is a high quality IR bullet IP camera which is equipped with 3,19MP(effective pixel) Global Shutter CMOS image Sensor. With the highest sensitivity sensor, it is especially superior in low light condition. As it supports simultaneous H,265, H,264 and MJPEG Video Compression, less network bandwidth and storage space required. It also delivers high quality video image at 30 fps @ 3MP (2048X1536) in progressive mode.



• Key Features

- Ambarella platform - Backdoor Issue free
- 1/1.8" 3,19MP Sony IMX265 Global Shutter CMOS sensor
- 3.6~11.0mm Motorized Auto-Focus Lens
- 4 Power IR LEDs up to 50M
- Quadruple Stream (H,265, H,264, M-JPEG, JPEG)
- Max. 30fps @ 3MP (2048x1536)
- Option : MicroSD Slot, CVBS, 2Way Audio, DIO etc.
- OnVIF (Profile S) standard

• Tech Notes

Global shutter cameras for LPR

High-speed, smear-free still image capture is the hallmark of global shutter image sensors. Applications such as traffic management, metrology and robotics inspection all need to image fast-moving objects without smear or distortion. These imagers have the ability to electronically shutter itself and “stop the action.”

IP filtering

The IP filtering enables you to control what IP traffic you want to allow into and out of your IP camera. Use IP filtering to help protect your IP camera by filtering access from other IP address set for filtering.

FW7930-GXM

► Technical Specifications

Camera

| | |
|-------------------|---|
| Imaging Sensor | 1/1.8" 3,19MP Sony IMX265 Global Shutter CMOS |
| Lens | 3.6~11.0mm Motorized Auto-Focus |
| Day & Night | True Day & Night (ICR) |
| Min. Illumination | Color : 0.05lux (0.02 lux DSS ON), B&W : 0 lux (IR On) |

Video Stream

| | |
|--------------|--|
| System | Ambarella 32bit Embedded Linux 256Mbyte SDRAM, 128Mbyte NAND Flash |
| Compression | H,265, H,264, M-JPEG, JPEG |
| Resolution | 2048x1536, 1920x1080, 1280x720, 704x480, 640x352, 320x176, 160x96 |
| Frame rate | 30fps/25fps @ Full-HD |
| Video Stream | Quadruple Streaming, selectable : H,265/H,264/MJPEG, Frame rate, Bitrate, VBR/AVBR/CBR/ACBR, GOP |

Video Setting

| | |
|-------------------------|--|
| Motion Detection | 4 Areas |
| Audio Detection | Enable (sensitivity setting) / Disable |
| Privacy Masking | 8 Areas |
| Video Analytics | Optional (Face Detection, Tampering, Tripwire etc.) |
| Smart Video | ROI |
| Exposure Mode | Indoor / Outdoor |
| AE Metering Mode | Spot / Center / Average / Venter Flip |
| Shutter Control | Manual (Min./Max, Setting) / Auto |
| Max AGC Gain | 0~72 |
| Sense Up Level | Off / 1 / 2 |
| Back Light Compensation | Enable / Disable |
| Auto Exposure Weight | 25% ~ 400% |
| WDR | DOL WDR (Enable / Disable), D-WDR 0~128 |
| Image Adjustment | Brightness / Contrast / Hue / Saturation / Sharpness |
| White Balance | Auto / Manual / 9 Special Condition / Custom |
| 3DNR | 0~11 |
| Day & Night Control | Color / Black&White / AutoNight Color (B/W, 10, 20, 30, 40, 50) |
| Image Direction | Vertical Flip / Horizontal Flip / Corridor Mode |

Illuminator

| | |
|----------|----------------|
| Type | 4 Power IR LED |
| Distance | Max. 50Meter |

Network

| | |
|---------------------|--|
| Security | IP Filtering, HTTPS, Encrypted & Basic Authentication, Management White List |
| Supported protocols | HTTP, RTP/RTSP(Uni/Multicast), TCP/IP(v4/v6), UDP, FTP, Telnet, HTTPS, RARP, SNMP, DHCP, NTP, SMTP client, uPnP&etc |
| DDNS | www.ipcctvdns.com |
| Interface | RJ45 Ehternet 10/100Mbps |

System Intergration

| | |
|----------------------|--|
| Programing Interface | SDK, OnVIF Profile S |
| Video Analytic | Motion detection. Optional: ROI, Tripwire, Tampering, Face Detection |
| Triggering Event | Motion detection, triggering DI, triggering serial input, connected/ disconnected, boot finished |
| Action on Event | Pre-alarm & Post-alarm buffer. Upload FTP, Email notification, FCM Google notification |
| Connection | 1 DI/ 1DO, RS485 |

Onboard storage

| | |
|-----------|--|
| Type | 1 MicroSD Slot |
| Recording | Always, Schedule, Event, Schedule & Event |
| Playback | Internet Explorer, FlexWATCH NVR/ CMS/ Mobile App |

Audio

| | |
|--------------|------------------------------|
| Compression | 8bit G,711, 8Khz, 8KByte/sec |
| Audio stream | 2 way |
| Connection | 1 Audio In / 1 Audio Out |

General

| | |
|-----------------------|--|
| Case | Metal |
| Power Supply | SMPS, DC12V / 3A PoE : IEEE 802.3at |
| Power Consumption | Max. 7,8W |
| Operating Environment | -20℃ ~ +60℃, 10% ~ 90% RH |
| Dimension | 85 x 280(L) x 80(H) mm |
| Weight | About 1250g without Power Supply |
| Approval | KC, CE, FCC, RoHS, IP67 |
| Accessories | - |
| Bundle Software | IP Installer, SMVP, Smart NVR Lite |