Eyemax® Bullet P8342V | 4K (8MP) Outdoor IR Bullet Network (IP) Camera, H.265, Varifocal Lens, 8 COB IR LEDS



FEATURES

- 4K UHD / 1/2.5” inch SONY sensor
- IR LED 08 pcs
- Upgraded Waterproof Housing (IP 68 rating)
- DNR (Digital Noise Reduction)

- Digital WDR (Wide Dynamic Range)
- Built-in Motion detections
- Day & Night
- Easy Installation
- Varifocal Lens 3.6~10mm

SPECIFICATIONS

IMAGE	
Image Sensor	Sony 1/2.5” 8.29Megapixel RGB Bayer Array CMOS Sensor
Number of Effective Pixels	3,840(H) × 2,160(V) approx. 8.29M pixels
Min. Illumination	Color Mode: 0.15 lx at 50IRE B/W Mode: 0.09 lx at 50IRE
Scanning Mode	Progressive Scan
S/N Ratio	51dB
CAMERA	
Wide Dynamic Range	Digital WDR (ATR-EX)
Day and Night Mode	Automatic, Day, Night
Noise Reduction	2D-NR 3D-NR
Auto Exposure Mode	Automatic (Priority: Frame rate/Low noise) Manual
Shutter Speed Control	Auto: Min. 1/135,000 sec ~ Max. 1/60 sec Manual: Min. 1/10,000 sec ~ Max. 1/10 sec
Gain Control	Automatic: Min. 1.2dB ~ Max. 54dB Manual: Min. 1.2dB ~ Max. 54dB Default 1.2dB
Auto White Balance Mode	ATW-Indoor/Outdoor, Shade, Clear sky, Fluorescent light, Light bulb, Flame, Manual
Digital Zoom	16x
On Screen Display / BLC / HLC / Tamper / Defog / LDC /DIS	On/Off
Image Effect	Mirror, Flip

Selection	Privacy Mask (Max.8 Area) Video Motion Detection (Max.4 Area)
Corridor Format	90°/270°
NETWORK	
Video Compression	H.265 Main profile H.264(High, Main, Base line profile) MJPEG
Video Resolution	3840 × 2160 (4K) 2592 × 1944 (5M) 2048 × 1536 (QXGA) 1920 × 1080 (Full-HD) 1280 × 1024 (SXGA) 1280 × 720 (HD) 704 × 480 (4CIF/NT) 704 × 576 (4CIF/PAL) 640 × 480 (VGA) 352 × 288 (CIF) 320 × 240 (QVGA)
SENSOR	
Manufacturer	SONY
Part Name	IM × 274LQC-C, 8MP, STARVISTM
Image Size	1/2.5” inch
Total Number of Active Pixels	3840(H) × 2160(V) approx. 8.49M pixels
Aspect Ratio	16:9
IMAGE SIGNAL PROCESSOR & CODEC	
Manufacturer	HISILICON
Part Name	Hi3519V101
Resolution (Max.)	3840 × 2160(8M pixel)
Frame Rate (Max.)	Up to 8M@30fps
Video Encoder	H.265 H.264 JPEG encoding simultaneously
Audio Codec	G.711, G.726, ADPCM
Video Analytics	Integrated IVE for supporting various intelligent analysis application

Host CPU	800 MHz A7 core supporting 32 KB I-cache 32 KB D-cache 128 KB L2 cache 1.25G GHz A17 core, supporting 32 KB I-cache 32 KB D-cache 256 KB L2 cache Neon acceleration integrated FPU ARM@big-LITTLE architecture
Memory Interface	32-bit DDR4/3/3L interface with the maximum frequency of 933 MHz (1.866 Gbit/s) Maximum capacity of 1024 MB for a 16-bit DDR SDRAM Maximum total capacity of 2048 MB for two 16-bit DDR SDRAMs
Ethernet Interface	10/100/1000M Ethernet PHY, MII/RMII and EEE(Energy Efficient Ethernet)
Package	RoHS, FC-CSP Body size of 10 mm × 10 mm (0.39 in. × 0.39 in.) Lead pitch of 0.4 mm (0.02 in.)
DETAILS	
DDR3 Memory	Manufacturer (SK HYNIX) Part Name (H5TQ4G63GFR) Configuration (2 × 256M × 16(8Gb)) Speed Grade (DDR3 ~ 1066 Speed) Package (7.5 × 13mm 96ball FBGA)
Nand Flash Memory	Manufacturer (SPANSION) Part Name (S34ML02G100) Density (256M × 8(2Gb)) Package (9 × 11mm 63ball BGA)
Ethernet Physical Layer	Manufacturer (REALTEK) Part Name (RTL8211FI-CG) Ethernet (10/100/1000Base-TX IEEE802.3 compliant Ethernet transceiver)