CAM-3102A

2M Edge AI Camera with Auto Focus

Package Content

1. CAM-3102A
2. 12V power adapter and POE

Features

- ◆ Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 / MJPEG
- ◆ 30 ~ 50 M IR night view distance
- ◆ 3 DNR, TWDR, HLC, BLC, Digital Defog, Smart IR
- ◆ ICR auto switch, true day / night
- ◆ IP67 ingress protection
- ◆ Intelligent analytics: abnormal video signal detection, line crossing detection, region intrusion detection, face detection, face capture
- ◆ AI OSD from VIC OR FAS SYSTEM

SPECIFICATION [Camera & Image]

Image Sensor	1 / 2.8 " CMOS
CPU Frequency	1920 × 1080
Electronic Shutter	1 / 25 s ~ 1 / 100,000 s
Min. Illumination	0.005 lux @F1.6,AGC ON; 0 lux with IR 0.0028 lux @F1.2,AGC ON; 0 lux with IR
Lens	2.8 mm @F1.6
Horizontal Angle	108°
WDR	120 dB
Day & Night	ICR auto switch
Video Compression	Smart H.265 / H.265+ / H.265 / Smart H.264 /H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile / Main Profile / High Profile
Resolution	1080P (1920 × 1080), 720P (1280 × 720), D1(704 x 480), 480 × 240, CIF (352 × 240)
Bit Rate	64 Kbps ~ 6 Mbps
Bit Rate Type	VBR / CBR
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast,Wide Dynamic, Sharpen,NR,etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately

Others

Power Supply	DC12V / PoE
Power Consumption	< 9.5W
Network	RJ45
Audio line in	1CH
SD card	Built-in micro SD card slot; up to 128GB
Hardware Reset	Yes
Operating Environment	- 30 ° C ~ 60 ° C (-22° F~140° F) Humidity: less than 95 % (non-condensing)
Dimensions	217.7 x 80.5 x 80.5 mm
Weight	Approx. 670g
Ingress Protection	IP67

Intelligent Analytics (Smart Events)

Perimeter Protection	Line crossing, region entrance/exiting/intrusion (human/motor vehicle / non-motor vehicle classification)
Target Counting	Line crossing human /motor vehicle/non-motor vehicle counting
Exception Detection	Scene change, video blur and video color cast detection
Face Detection	Face detection and face capture
General Intelligence	Crowd density detection, heat map, object abandoned / missing detection (These are being developed and coming soon.)