



CC04-IP12MV

Industrial IP Networking Camera



Features

Triple Stream H.265, H.264, M-JPEG
 12 Megapixel (3840x2880)
 Native Support for deep learning AI feature
 Rugged Vibration Damping Mount
 IP-67 & IK10 Weatherproof / Dustproof

More Features

Quadruple Compression
 Mode (H.265, H.264, M-
 JPEG, JPEG)

Max 30fps @ 3Megapixel

Various back light mode of
 WDR, BLC, HLC,

D-WRD, D-Zoom, Defog

Multi Browser Support
 (Chrome & Edge)

*IK10 equals a single 20-joule
 impact. In our environments,
 impacts from logs and debris can
 reach hundreds of joules and occur
 repeatedly—far beyond typical lab
 conditions.

*IEC lab testing typically evaluates
 vibration around 0.5–2 g. Sawmill
 environments expose equipment to
 continuous 2–5 g vibration with
 additional shock loading—conditions
 that drive long-term failure.

Specification	CC04-IP12MV
Imaging Sensor	1/3" 12.3MP Sony Starvis PS CMOS
Lens	4.48mm (F1.6)
Day & Night	True Day & Night (ICR)
Min. Illumination	Color : 0.03 lux / B/W : 0 lux (IR ON)
System	64bit RISC-V Quad Core up to 594MHz, NAND Flash 2Gb / LPDDR3 4Gb
Compression	H.265, H.264, M-JPEG, JPEG
Resolution	15fps @ 12M (4:3) 3840x2880, 2592x1944, 2048x1538, 1920x1080, 1280x720, 720x480, 704x480, 640x480, 640x352, 320x240 30fps @ 8MP (16:9) 3840x2160, 2560x1440, 1920x1080, 1280x1024, 1280x720, 720x480, 704x480, 640x480, 640x352, 320x240
Frame Rate	Max 12MP (3840x2880) @15 fps Max 8MP (3840x2160) @ 30 fps
Motion Detection	4 Areas
Privacy Masking	8 Areas
Smart Video	ROI
Video Stream	Quad Streaming, selectable : H.265 / H.264 / MJPEG, JPEG Frame rate, Bit rate, VBR / AVBR / CBR / ABR / GOP
Exposure Mode	Indoor / Outdoor
AE Metering Mode	Spot / Center / Average / Venter Flip
Shutter Control	Manual (Min. /Max. Setting) Auto /Flicker
Max AGC Gain	0 – 72
Sense Up Level	Off / 1 / 2
Video Analytics	Intrusion Detection, Line Crossing, Object Counting, Object Tracking, Tampering, General Detection, Abnormal Detection
Auto Exposure	25% - 400%
Playback Mode	DOL WDR (Enable / Disable) D-WDR 0-128
Image Adjustment	Brightness / Contrast / Hue / Saturation / Sharpness
White Balance	Auto / Manual / Preset
AI	Object Detecting Human, Vehicles, Bicycles, Face Detection
Day & Night Control	Color / Black & White / Auto Night / Color (B/W, 10, 20, 30, 40, 50)
Image Direction	Vertical Flip / Horizontal Flip / Corridor Mode
Illuminator	8 IR LED's Max. Distance 32.8 ft (10 Meter)
Power Supply	SMPS, DC12V 1Amp & PoE IEEE 802.3af
Power Consumption	Max. 4.0W
Operating Temp.	-20C ~ + 60C, (-4F ~ 140F) 10% ~ 90% RH
Dimension	80 (W) X 70 (L) X 54 (H) mm
Weight	About 370g without Bracket
Approval	KC, CE, FCC, RoHS, IP67, IK10