ICEG-B40V-DIW1

4MP Vari-Focal Bullet Network Camera



- 4-MP 1/2.9" CMOS image sensor, low illuminance, high image definition
- H.265 & H.264 dual-stream encoding
- 4 MP (2688 × 1520)@20 fps, and supports 2560 × 1440@25/30 fps.
- 2.7-13.5mm Motorized Vari-Focal lens, WDR, 3D NR, HLC, BLC
- Dual illumination, Max. IR LEDs Length 200 ft
- IP67, PoE

Technical Specification

Camera

Image Sensor	1/2.9" CMOS
Effective Pixels	2688 (H) × 1520 (V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100000 s
Minimum Illumination	0.005 lux@F1.5 (Color) 0.0005 lux@F1.5 (B/W) 0 lux (Illuminator on)
S/N Ratio	> 56 dB
IR Distance	Distance up to 200 ft (60.96 m)
IR On/Off Control	Auto / Manual / Off / Zoom Priority
IR LEDs	2 x Warm white Lights, 2 x IR Lights

Lens

Lens Type	Motorized Vari-Focal				
Focal Length	2.7-13.5mm				
Max. Aperture	F1.5				
Angle of View	H: 97°-28°; V: 52°-16°; D: 117°-32°				
Optical Zoom	5x				
Close Focus Distance	2.62 ft (0.8m)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	209.32 ft	80.00 ft	41.00 ft	20.67 ft
	T	688.32 ft	274.93 ft	136.81 ft	68.24 ft

Pan/Tilt/Rotation

Pan/Tilt/Rotation Range	Pan: 0°–360° / Tilt: 0°–90° / Rotation: 0°–360°

Video

Compression	Smart H.265; Smart H.264; H.265; H.264; MJPEG (sub stream only)
Streaming Capability	2 Streams
Resolution	4M (2688 × 1520); 4M (2560 × 1440); 3M (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 480); VGA (640 × 480); CIF (352 × 240)
Frame Rate	Main stream: 2688 × 1520@(1–20 fps)/2560 × 1440@(1–25/30 fps)
	Sub stream: 704 × 480@(1–30 fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps
Day/Night	Auto(ICR) / Color / B/W
Backlight Mode	Off / BLC / HLC / WDR (120dB)
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Auto / Manual
Noise Reduction	3D NR
Motion Detection	Off / On (1 Zone, Rectangle)
Region of Interest	Off / On (4 Area, Rectangle)
Smart IR	Support
Flip	0°, 90°, 180° and 270° (90°and 270° only for 2688 × 1520 resolution and lower)
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

Intelligence

Video Content Analytics	Line Crossing (Tripwire); Intrusion
Intelligent Motion Detect	Supported

Audio

Compression	G.711a, G.711Mu, PCM

Network

Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4, IPv6, DNS, TCP, UDP, DHCP, HTTP, HTTPS, 802.1X, RTSP, DDNS, P2P, SMTP, RTMP, UPnP, Auto Registration, ICMP, IGMP, FTP, SFTP, RTP, RTCP, ARP, NTP, Multicast, NFS
Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI
Max. User Access	6 (Total bandwidth: 24 M)
Edge Storage	FTP; SFTP ; Micro SD card (support max. 256 GB)
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	ICView Core
Smart Phone	IOS, Android

Interface

Audio Interface	Built-in Microphone; Audio In/Out (RCA ports)
RS485	N/A
Alarm	1 x Input (Max. 5 VDC, 5 mA) 1 x Output (Max. 12 VDC, 300 mA)

Technical Specification

Certifications

Certifications	FCC Part 15, Subpart B

Construction

Casing	Metal
Dimensions	11.44" × 3.73" × 3.40" (290.6 mm × 94.72 mm × 86.53 mm)
Net Weight	2.36 lb (1.07 kg)
Gross Weight	2.92 lb (1.33 kg)

Electrical

Power Supply	12 VDC / PoE (802.3af)
Power Consumption	12 VDC: Max 6.9W, Typical 2.6W PoE: Max 8.3W, Typical 3.3W

Environmental

Operating Conditions	-40°F to +140°F (-40°C to +60°C)/less than 95% RH
Storage Conditions	-40°F to +140°F (-40°C to +60°C)
Ingress Protection	IP67

Dimensions (mm/in)

