



**ST-E40BIR**

**4MP Mini Bullet IR Camera**

# Features

- Multiple Progressive Scan CMOS Sensor support up to 4M Resolution
- Multi Codec support (H.265 / H.264 / MJPEG)
- Quad Streams support
- True Day/Night function (ICR)
- IR LED (working distance up to 30m)
- 3D Motion Compensated Noise Reduction (MCTF)
- Text Overlay and Privacy Masks
- Smart Low Bitrate control
- Weatherproof (IP66)
- ONVIF Profiles S/G/Q support

## Technical Specification

Image Sensor	Omni Vision 4M 1/3" Progressive CMOS
Effective Pixels	HxV = 2688x1520(4M)
Pixel Size	2.0 $\mu\text{m}$
Frame Rate (Maximum)	H.265 HDR 4M @30fps + d1 @30fps H.264 HDR 4M @30fps + d1 @30fps MJPEG 1080p @30fps

### Lens

Minimum Illumination	Color: 0.1 lux B/W : 0.01 lux
Fixed focal Lens	F1.4
Focal Length	2.8-12mm
Horizontal FOV	91° (wide), 33° (tele)
Vertical FOV	49° (wide), 18° (tele)

### Camera

Day and Night	Automatically removable IR-cut filter
Shutter Time	1~1/10K sec.
HDR	120dB WDR
Image Settings	Color, Brightness, AGC, Sharpness, Contrast White Balance, Exposure Control 2DNR, 3DNR, NR by Motion Masking, Text Overlay
Iris Control	Auto
Corridor Mode	90°, 180°, 270° rotation

### Video Codec

Compression	H.265/H.264 /MJPEG
Streaming	Up to 4 individually configurable streams in H.265/H.264/ MJPEG Configurable resolution/frame rate/bandwidth LBR /VBR/CBR in H.265/H.264

## Network

Interface	10/100Mbps Ethernet
Security	User Authentication/HTTPS/IP Filter/IEEE 802.1x
Supported Protocols	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS ONVIF, Unicast, Multicast
ONVIF	Profile S / G / Q conformant

## System Integration

Analytics	Motion Detection/Tampering
Event Triggers	Analytics, Network Failure Detection, Periodical Event, Manual Trigger
Event Actions	Video recording to edge storage File Upload : FTP, network share and email Notification : HTTP, FTP, email

## General

Casing	Metal Body
Power	PoE IEEE802.3af, class 0 DC12V, 1.14A, max 13.68 watt
Connectors	RJ45 DC12V Jack
IR Illumination	Illumination distance: 30m
Operating Conditions	-30°C~65°C 10%~90%, No Condensation
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to NAS
Storage Conditions	-20°C~70°C (-4°F~158°F)
Approvals	EMC CE / FCC Safety LVD Environment IP66
Dimensions	Fixed lens: Ø79x130 mm
Weight	340 g



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