SIQURA

BL2002M1-EI

Bullet camera, 2.8-12 mm motorized lens, 2MP, H.265/H.264

DESCRIPTION

The BL2002M1-EI is a 2-megapixel IP bullet camera providing clear images in any situation. A wide angle 2.8 to 12 mm motorized autofocus lens allows for easy setup and ensures sharp and clear images. The camera has a wide range of intelligent video analytics features to detect numerous events. Intelligent video encoding ensures good image quality and low storage costs.

FEATURES

1/2.8 ultra-low light CMOS imager

2MP @ 25/30 fps (1920x1080)

Motorized zoom (2.8 - 12 mm)

120 dB WDR

Built-in IR illuminator (50 m)

Intelligent VCA

Multi-codec multi-stream: H.265, H.264, MJPEG

IP67, IK10

ONVIF Profile S and G

Description

Multi-encoder & multi-streaming
The camera can support dual streaming of H.265, H.264 or MJPEG. Multiple combinations of resolution, frame rate, and encoding can be configured to satisfy different live viewing and recording scenarios.

High Efficiency Video Coding (HEVC)
H.265 or HEVC is a video compression standard, the successor of H.264. In comparison H.265 offers about double the compression ratio at the same level of video quality, or substantially improved video quality at the same bit rate. Thus saving bandwidth and recording space.

ONVIF
Multiple options are available to easily integrate the BL2002M1-EI to a video management system. In support of open standards, the BL2002M1-EI is compliant with ONVIF (Profile S / Profile G).

Video analytics
The camera features an extensive set of intelligent VCA to assist the operator detecting any anomalies. This camera additionally features behavior analysis and face detection.

Image enhancement
The BL2002M1 features a set of tools to enhance the image quality, such as smart IR, BLC and 3D noise reduction.

Ease of installation
The BL2002M1-EI is fitted with a built-in junction box to make installation easy and dismisses the need of an external junction box.

Camera

Image sensor	1/2.8" Ultra-low light CMOS
Lens	Motorized 2.8 to 12 mm, F/1.4
Focus	Autofocus
Field of view	105 to 35 horizontal, 56° to 20° vertical
Min. illumination	Color: 0.0068 lux, B/W: 0.0013 lux, 0 lux with IR (F/1.4)
Day/Night	IR-cut filter with auto switch
Built-in IR illuminator	Working distance: Up to 50m
	Wavelength: 850nm
WDR	120dB
Shutter speed	1/3 s to 1/100,000 s
Slow shutter	Supported

Video

Video compression	H.265 MP, H.264 HP/MP, MJPEG
Video bit rate	32 Kbps 16 Mbps
Region of interest	1 region per stream
Max resolution	1920x1080 at 30 fps
	(640x360 for MJPEG)
Frame rate	25/30 fps
Number of simultaneous streams	3
- Main stream	1920x1280@25/30fps; 1280x960@25/30fps; 1280x720@25/30fps
- Sub stream	640x360@25/30fps; 352x288@25fps or 352x240@30fps
- Third Stream*	1920x1280@25/30fps;1280x720@25/30fps; 640X360@25/30; 352x288@25fps
	or 352x240@30fps
Image enhancement	3D DNR
Image setting	Rotate mode**, saturation, brightness, contrast, sharpness
Day/Night switch	Auto/Scheduled/Triggered by Alarm In
Privacy mask	Yes
Live view (simultaneous)	6

Video output: 1 Vp-p; 2-pin to BNC patch cable (For test/installation only)

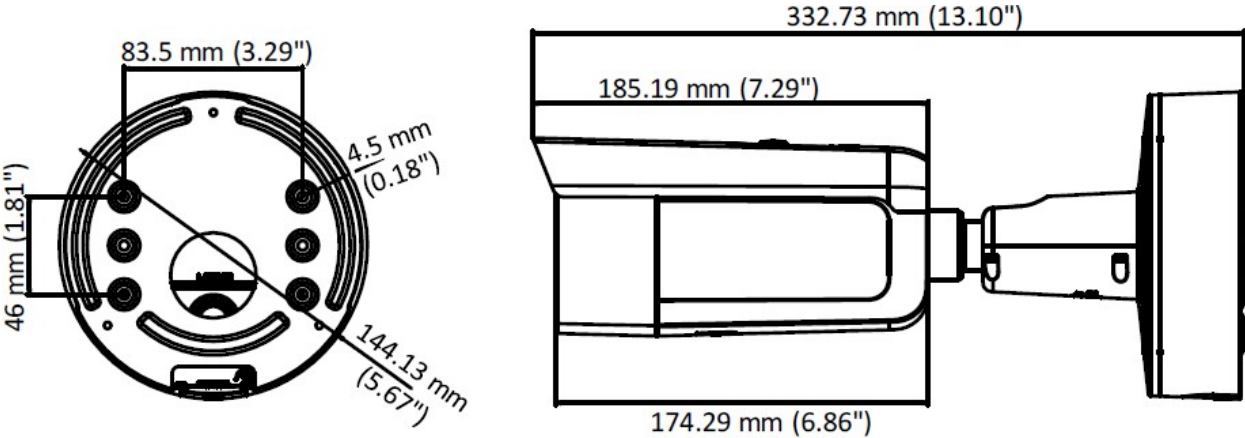|	
Note*	Enabling the Third-Stream, disables the face detection.
Note**	The combination WDR and rotation limits the frame rate to 20 fps

Network

Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE,
	NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGI
Security	3-level user authentication, 802.1x, Watermark, IP address filtering
API	ONVIF (Profile S, Profile G), PSIA, Siqura Programming Interface
Communication interface	1x 10/100 Base T/TX (RJ-45)

Audio

Audio	1x 3.5 mm audio in (mic in/line in) ; 1x 3.5 mm audio out interface

Specs

Audio	
Compression	G.711, G.726, MP2L2
Enhancement	Environmental noise cancellation

Analytics	
Behavior analytics	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection
Face detection	supported

Alarm I/O	
Alarm trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, illegal login, disk full, disk error, Alarm I/O
Alarm in	1x input
Alarm out	1x output (up to 24 Vdc 1 A or 110 Vac 500 mA)

Storage	
Networked storage	NAS (NFS, SMB/CIFS), ANR
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB

Powering	
Power supply	12 Vdc 25% (terminal block), PoE (802.3at)
Power consumption	1.2 A max, Max. 14.5W

Environmental	
Ingress protection level	IP67
Impact protection	IK10
Operating temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Relative humidity	+5% to 100%

Housing	
Material	Die cast aluminum
Dimensions	diameter144.13 x 332.73 mm (5.67" x 13.10")
Weight	1890 g (4.17 lbs.)
Color	RAL 9003 (signal white)

Ordering information	
BL2002M1-EI	Bullet camera, 2.8-12mm motorized lens, 2MP, H.265, IP66, IR

Siqura Accessoires	
PM10	Pole mount for BL/FD2000 series cameras
WM20	Corner mount for BL/FD2000 series cameras

DIMENSIONS (IN MM)

RELATED

Siqura WM20
Corner mount for BL/FD200xM1 series cameras

Siqura PM10
Pole mount for BL/FD200xM1 series cameras