

# BL2002F4-EI

**Bullet camera, 4.0 mm fixed lens, 2MP, H.265/MJPEG, IP67, IR**

## DESCRIPTION

The BL2002F4-EI is a 2 megapixel IP bullet camera providing clear images in any situation.

The wide angle 4mm fixed focus lens allows for easy setup and ensures sharp and clear images at all times. The camera has multi-stream capability for simultaneous streaming of H.265, H.264 and MJPEG. Streaming 2 megapixel HD (1920 x 1080) at 30 fps.

With IR up to 30 meter and 120 dB wide dynamic range the BL2002F4-EI ensures excellent images in every light condition.

## FEATURES

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1/2.8 ultra-low light CMOS imager

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2MP @ 25/30 fps (1920x1080)

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4mm fixed lens

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120 dB WDR

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Built-in IR illuminator (effective distance: 30 m)

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H.265 Low bit rate, low latency

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IP67

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ONVIF Profile S and G

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Camera	
Image sensor	1/2.8" Ultra-low light CMOS
Lens	4mm, F/1.6
Focus	Fixed focus
Field of view	86.4 horizontal
Minimum illumination	Color: 0.005 lux, B/W: 0.001 lux, 0 lux with IR (F/1.2)
Day/Night	IR-cut filter with auto switch
IR illuminator wavelength	850 nm
IR Distance	Up to 30 m
Wide dynamic range (WDR)	120 dB
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
Frame rate	25/30 fps
Number of simultaneous streams	3
Image enhancement	3D DNR, Backlight compensation
Image setting	Rotate mode, saturation, brightness, contrast, sharpness
Day/Night switch	Auto/Scheduled
Privacy mask	Yes
Live view (simultaneous)	6
Video output	1 Vp-p composite output (75 /BNC)

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

Storage	
Network 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% (Barrel connector), PoE (802.3af, class 3)
Power consumption	5 W at 12 Vdc; 6.5 W at PoE

Environmental	
Ingress protection level	IP67
Operating temperature	-30 °C to +60 °C (-22 °F to +140 °F)

# Specs



## Environmental

Relative humidity	+5% to 100%
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## Housing

Material	Die cast aluminum
Dimensions	diameter70mm x 155.03 mm (diameter 2.76" x 6.1")
Weight	410 g (0.9 lbs.)
Color	RAL 9003 (signal white)

## Ordering information

BL2002F4-EI	Network bullet camera, 4.0 mm fixed lens, 2MP, H.265/MJPEG, IP67, IR
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