

PRODUCT DOCUMENT

User Manual

Illustra Essentials Gen4 2MP Fixed Bullet • Condensed product and configuration manual

Product identification

This manual covers the Illustra Essentials Gen4 2MP Bullet family, with the fixed bullet model identified in the manufacturer documentation as **IES02-B10-BI04**. The same manufacturer guide also covers the varifocal bullet model IES02-B12-BI04; this condensed document focuses on the fixed 2MP bullet.

Physical installation

The camera is designed for professional installation. The published documentation describes a three-point mounting arrangement, cable routing through the camera body, and Torx fasteners for securing the housing. Follow local electrical and wiring requirements.

Video configuration

Setting	Published capability / note
Resolution	2MP stream configurations include 1920 × 1080 and additional lower resolutions.
Frame rate	For 2MP cameras, Streams 1–3 can support 1–30 fps depending on feature/configuration constraints.
Compression	H.264, H.265, IntelliZip variants and MJPEG are documented; some combinations have mode-specific restrictions.
GOP	GOP length is configurable for H.264/H.265; IntelliZip has its own GOP control.
Corridor mode	Designed for narrow vertical spaces. The documentation notes specific resolution/codec restrictions when enabled.

Image and low-light settings

The documented camera controls include WDR, IR illuminator control, Day/Night mode, brightness and exposure-related settings. Use these controls to match the camera to the scene rather than applying the same settings to every installation.

Network and integration

The manufacturer documentation lists IPv4/IPv6 networking, DHCP/static addressing, RTSP streaming, ONVIF, HTTP/HTTPS, NTP, authenticated SMTP and security features including HTTPS encryption and IP address filtering.

Maintenance and troubleshooting

If video is unavailable, first verify power and link status, confirm the camera's IP address, test browser access, and review stream configuration. If IR or image quality is incorrect, inspect the lens/window, verify Day/Night and IR settings, and check exposure/WDR configuration.

Safety and installation note

The manufacturer guide states that the product is intended for professional installation and that local wiring regulations should be followed. Use an appropriately rated limited power supply and suitable network/power infrastructure.

Reference

Manufacturer document: Illustration Essentials Gen 4 Series Installation and Configuration Guide, document 8200-1929-03 E. This condensed manual is not a replacement for the full manufacturer manual.