PRODUCT DOCUMENT

2MP Mini-Dome — User Manual

TYCO Illustra Essentials Gen4 2MP Mini-Dome • Model IES02-D10-OI04 • Condensed configuration reference

1. Product identification

The camera covered by this manual is the **TYCO Illustra Essentials Gen4 2MP Mini-Dome**, model **IES02-D10-OI04**. It is the fixed 2.8mm model with factory-focused lens, IR, True Day/Night, True WDR, IP67 and IK10 protection.

2. Video configuration

Setting	Reference
Resolution	1920 × 1080 (1080p), 16:9
Frame rate	Up to 30 fps
Streams	Dual stream; both streams can reach 1080p @ 30 ips
Compression	H.264, H.264+ IntelliZip, H.265, H.265+ IntelliZip, MJPEG
Image rotation	Corridor mode

3. Image and low-light settings

True Day/Night uses an IR cut filter to switch between color and monochrome operation. The camera includes IR LEDs with a documented IR distance of up to 25m. True WDR is specified at 120dB and is intended to preserve detail in high-contrast scenes.

4. Lens and field of view

The camera uses a fixed 2.8mm factory-focused lens with approximately 110° horizontal and 60° vertical field of view. Confirm the desired coverage before final mounting.

5. Environmental protection

The Mini-Dome is rated IP67 for environmental protection and IK10 for vandal resistance. Ensure the installation maintains the intended cable and housing protection.

6. Network and integration

The camera supports ONVIF Profiles S/G/Q. Use the approved VMS/NVR workflow and site network policy for addressing, credentials and stream configuration.

7. Troubleshooting

No video: verify power, Ethernet link and IP addressing.
Night image problem: check IR/Day-Night settings and clean the dome.
Backlight: review WDR configuration.
Coverage issue: verify physical mounting and the 2.8mm lens field of view.
Recording issue: confirm codec, stream resolution and recorder compatibility.

Reference

Source basis: Illustra Essentials Gen4 2MP IP Mini-Dome manufacturer data sheet and manufacturer installation/configuration documentation. This is a professionally formatted reference prepared for Xclusive Solutions, not the manufacturer's original artwork.