PRODUCT DOCUMENT

3MP Compact Mini-Dome — User Manual

TYCO Illustra Pro 3MP Compact Mini-Dome • Model IPS03CFOCWST • Condensed Installation & Configuration Reference

1. Product identification

The exact 3MP compact model covered by this document is **IPS03CFOCWST**. The manufacturer's Quick Start Guide identifies it as the Illustra Pro 3MP Compact Dome, 2.8mm, vandal, clear, white, SDN and TWDR.

2. Video stream configuration

Parameter	Documented capability
Image source	2048×1536 QXGA 4:3; specifically applicable to IPS03CFOCWST
Stream 1	1–60 ips; default 30; 60 ips only at 1920×1080 or lower
Stream 2	1–30 ips; default 15; restricted to 15 ips if Stream 1 is greater than 30 ips
Stream 3	7–15 ips; default 15
Codecs	H.264, H.264 IntelliZip, H.265, H.265 IntelliZip and MJPEG
Rate control	VBR, CBR and CVBR for H.264 configurations

3. Image and analytics

Manufacturer documentation lists TWDR/TWDR 3x options, auto/manual white balance, motion detection, blur detection, up to five Regions of Interest and up to nine Privacy Zones. Corridor Mode is also supported.

4. Network and integration

The camera uses a 10/100BASE-T RJ-45 network connection and PoE IEEE 802.3af Class 2. The camera supports ONVIF 2.4 Profile S and integration with Illustra Connect, VideoEdge, victor Unified Client and exacqVision platforms.

5. RTSP / streaming reference

The manufacturer's configuration guide documents RTSP stream formats using the camera IP and stream ID. Stream 1 is represented by the documented video stream ID format. Use the exact URL and credentials required by the installed firmware/VMS.

6. Storage and failover

The camera supports SD-card event buffering/offline recording and VideoEdge TrickleStor integration. Manufacturer material specifies Micro SDXC support up to 128GB.

7. Maintenance and cleaning

The manufacturer warns that the lens case requires special care to avoid scratches. Use the manufacturer's bubble handling and cleaning procedure rather than abrasive materials or improvised cleaning methods.

8. Troubleshooting

No video: verify PoE, Ethernet link and IP configuration.
Incorrect resolution: verify image source and stream-combination limits.
Low-light issue: review SDN/TWDR configuration and scene lighting.
Recording issue: check codec, frame rate and VMS compatibility.
Image quality issue: inspect the lens case and verify the selected image settings.

Source note

Primary sources: Johnson Controls / Illustra manufacturer documentation, including the Illustra Pro 2MP and 3MP Compact Camera Quick Start Guide (8200-1631-01), the Illustra Pro Series Installation and Configuration Guide (8200-1631-03), and manufacturer-published product/release documentation. The exact 3MP model IPS03CFOCWST is explicitly identified in the manufacturer's documentation.