



Orio Dome

Vandal proof dome camera with 10 m IR range

CAMERA

Image Sensor	1.3 MP 1/3" CMOS
Sensitivity	Day/Night/LED: 0.7 lux / 0.01 lux / 0 lux
Shutter time	1/6 s - 1/8000 s
Day/night mode	True
Available lenses	Fixed 3.6 (default) / 6 / 8 mm, F1.8
Angle of view	Horizontal: 67°, Vertical: 53°

IMAGE

Resolution	1280 × 960; 640 × 480
Frame Rate	13 fps (IVC 1280 × 960), 18 fps (IVC 640 × 480) 10 fps (MJPEG 1280 × 960), 15 fps (MJPEG 640 × 480), 8 fps (H.264 1280 × 960), 15 fps (H.264 640 × 480)
Image Settings	Brightness, Exposure Control, Gain Control, Anti-flickering (50Hz/60Hz), Saturation, Contrast, Gamma, Day/Night mode (Auto/Day/Night), Preferred Day/Night Mode, Sharpness, Noise Filtering, Image Mirroring, IR Mode (automatic/continuous/off) and Brightness
Encoder Settings	Codec Type (IVC/MJPEG/H264), Quality, I-frame Distance, Resolution, Frame Limit, Bandwidth Limit, Pre- and Post-alarm, Reduced Frame Rate Control

COMPRESSION

Video Compression	Intellio Video Codec (IVC), H.264, Motion JPEG
Bitrate	1 Mbps - 10 Mbps
Streaming	Intellio Video Streaming

INTERFACE

Ethernet	10BaseT/100BaseTX, RJ-45
Reset Button	Reset To Factory Defaults (IP Address Reset)

NETWORK

Protocols	NTP, TCP/IPv4, DHCP, DNS
Security	Camera User Name and Password

GENERAL

Environmental Protection (waterproof and dustproof)	IP66
Vandal proof level	IK10
Operating Conditions	-30 °C – +50 °C
Use	Indoor/Outdoor
Power Supply	PoE support (IEEE 802.3af) – PoE Class 0 (max. 100 m), 22-50 V DC (with Cat5e max. 50 m)
Power Consumption	With 24 V DC power supply: Max. 11 W, With PoE power supply: Max. 9 W
Dimensions	ø 106 × 78 mm
Weight	460 g
Certificates	CE: EN 55022, EN 55024, RoHS compliant

IR ILLUMINATION

IR LED	1 pc SMD IR LED, 850nm
IR illumination distance	Approx. 10 m
Illumination angle	90°

CAMERA SOFTWARE

Motion Detection	64 polygons per mask, 8 masks, All masks with adjustable sensitivity and motion percent parameters, Separated motion detector for monitoring and for recording
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INTELLIGENT VIDEO

Object Tracker	64 polygons for masking, Object behavior settings, Day-time/Night-time sensitivity, Environmental settings (if tracking is enabled, the refresh rate values will be reduced by about 50%)
Onboard detectors	Motion detector for live view and for recording Tampering detectors: Covering detection, Rotation detection Object based detector: Object removal / theft detection Tracker based detectors: Intelligent motion detection, Tripwire detection, Entry detection, Direction detection