

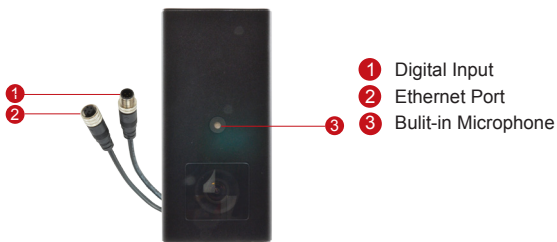
Q250

3MP In-Wall Box with D/N,
Extreme WDR, SLLS, M12, Fixed Lens

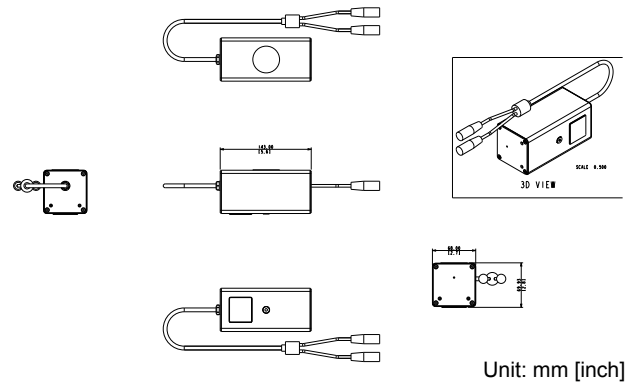


- 3 Megapixel with 1080p
- Day & Night with Superior Low Light Sensitivity
- Fixed Lens with f2.5mm / F2.2
- Extreme WDR
- 60 fps at 1920 x 1080
- Super wide angle
- Weatherproof (IP68), Vandal proof metal casing (IK10), Vibration proof (IEC60571)

PHOTO INDICATION



DIMENSION DIAGRAM



PRODUCT SPECIFICATION

Q250

• Device

Device Type	In-Wall Box Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8"
Effective Pixels	2065 (H) x 1553 (V) (3.21 MP)
Horizontal Resolution	1300 TVL
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.1 lux at F2.2 (30 IRE, 2400°K); B/W: 0.05 lux at F2.2 (30 IRE, 2400°K)
Color to B/W Switch	ISP based switch; Configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700 - 1100 nm
IR LED	No
Electronic Shutter	1/5 ~ 1/6,000 sec (manual mode); 1/5 ~ 1/6,000 sec (auto mode)
S/N Ratio	56 dB

• Lens

Focal Length / Aperture	Fixed focal, f2.5mm / F2.2
Iris	Fixed iris
Focus	Fixed focus
Lens Mount	Board mount
Horizontal Viewing Angle	108.6°
Vertical Viewing Angle	82.1°

• Video

Compression	H.264 (Baseline / Main / High profile), MJPEG
Max. Frame Rate vs. Resolution	30 fps at 2048 x 1536; 60 fps at 1920 x 1080; 60 fps at 1280 x 720; 30 fps at 800 x 600; 30 fps at 640 x 480; 30 fps at 320 x 240
Multi-Streaming	Simultaneous dual streams based on three configurations
Bit Rate	128 Kbps - 12 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Extreme WDR (145 dB); White balance: automatic, hold, and manual; Brightness; Saturation; Contrast; Sharpness; Auto gain control; 2D+3D digital noise reduction; Flickerless; Defogging
Privacy Mask	4configurable regions
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror
Built-in Analytics	Motion Detection; Tampering; Line crossing; Enter area; Loitering; Shock Detection; **Missing object; **Unattended object; **Smoke detection

• Audio

Compression	8kHz, Mono, PCM, 16 bit encoding; G. 711
Audio-In	Built-in Microphone
Audio-Out	No

• Network

Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv4, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering; HTTPS encryption; Password protected user levels; Anonymous login; IEEE 802.1X network access control

• Alarm

Alarm Trigger	Video motion detection (10 regions); Sound detection; External device through digital input; Intelligent event detection
Alarm Response	Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Save video or snapshot to local storage; Upload video to NVR server; Upload video or snapshot to FTP; Push notification to mobile device

• Interface

Digital Input	Cable with M12 Connector
Digital Output	No
Serial Port	No
Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)

• General

Power Source / Consumption	PoE Class 2 (IEEE802.3af) / 5.58W (Default); 6.25 W (Maximum Resolution)
Weight	981 g (2.163 lb)
Dimensions ((Φ x L)	143 mm x 68 mm (5.6" x 2.7")
Environmental Casing	Weatherproof (IP68), Vandal proof metal casing (IK10), Vibration proof (IEC60571), Fire protection (EN45545), Built-in dehumidifier
Mount Type	Surface, Wall Mount
Starting Temperature	-40°C ~ 55°C (-40°F ~ 131°F)
Operating Temperature	-40°C ~ 55°C (-40°F ~ 131°F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class A), IEC 60571, NEMA 4X, IP68, IK10 (metal casing), UL

• Integration

Unified Solution	Fully compatible with ACTI software
ISV Integration	Software Development Kit (SDK) available, ONVIF compliant, GB28181
Firmware Access Browser	Microsoft Internet Explorer 8.0 or newer (full functionality) Safari with QuickTime installed, and other browsers with VLC installed (partial functionality)
Auto Firmware Upgrade	Yes
GPS Position	Manual setting

** Functionality will be available in future firmware update.

* All specifications are subject to change without notice.
* All brand names and registered trademarks are the property of their respective owners.

www.acti.com

