

Q450



8MP Multi-Imager 180 Degree Bullet with D/N, Adaptive IR, Superior WDR, SLLS, 2 Fixed lenses

- 8 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fixed Lens with f2.8mm/F1.6
- Superior WDR
- H.265 Compression
- Super wide angle
- Event trigger, response and notification

► Specifications

Device

| | |
|--------------------------|--------------------------------|
| Product Type | Multi-Imager 180 Degree Bullet |
| Maximum Resolution | 8MP |
| Application Environment | Outdoor |
| Image Sensor | Progressive Scan CMOS |
| Sensor Size | 1/1.8 " |
| Effective Pixels | 2704(H) X 1568(V) (4 MP) |
| Day / Night | Yes |
| Low Light Sensitivity | Superior |
| Mechanical IR Cut Filter | Yes |
| IR LED | Adaptive IR LED |
| IR Working Distance | 40m |

Lens

| | |
|------------------|---------------------|
| Number of Lenses | 2 Lenses |
| Focal Length | Fixed focal, f2.8mm |
| Aperture | F1.6 |

| | |
|--------------------------|------|
| Horizontal Viewing Angle | 180° |
|--------------------------|------|

Video

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|-----------------------------------|---|
| Compression | H.265, H.264, MJPEG |
| Maximum Frame Rate vs. Resolution | 30 fps at 5120 x 1440 |
| Multi-Streaming | Simultaneous quad streams |
| Wide Dynamic Range | Superior WDR (120 dB) |
| Digital Noise Reduction | 2D + 3D DNR |
| Video Stitching | Seamless Video Stitching Minimum Stitching Distance: 450 cm |

Audio

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|------------|--------------------------|
| Audio Type | 2-way, Line-in, Line-out |
|------------|--------------------------|

Network

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|----------------------------|---|
| Network Protocol & Service | IPv4/v6, ARP, ICMP, IGMP, PPPoE, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS, IEEE 802.1X |
| Ethernet Port | 1 x Ethernet (1000 Base-T), RJ-45 connector |
| Security | Password protected user level, IP address filtering, HTTPS encryption, IEEE 802.1X network access control |

Event

| | |
|----------------|---|
| Event Trigger | Video motion detection, Tampering detection, Sound detection, External device through digital input, |
| Event Response | Send E-mail Notification, Save video to local storage, Upload snapshot to FTP server, Activate external device through digital output |

Integration

| | |
|-----------------|--------------------------------------|
| ONVIF Compliant | Yes, Profile S, Profile G, Profile T |
|-----------------|--------------------------------------|

Interface

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|----------------------|--|
| Audio Interface | 1/1, 3.5mm Phone Jack |
| Local Storage | MicroSD, MicroSDHC, MicroSDXC memory card slot (card not included) |
| Digital Input/Output | 2/1 (Terminal block) |

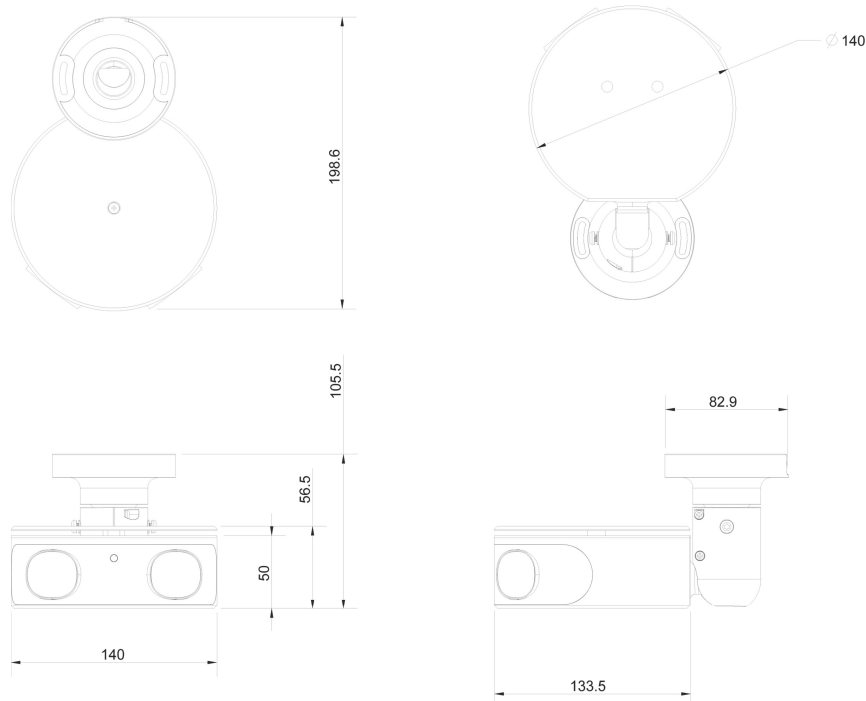
General

| | |
|-----------------------|---|
| Power Source | AC 24V, PoE (IEEE802.3af) |
| Dimensions | (Ø x L): 140mm x 105.5mm (5.51" x 4.15") |
| Environmental Casing | Weatherproof (IP66), Vandal proof metal casing (IK10) |
| Operating Temperature | -40°C ~ 55°C (-40°F ~ 131°F) |
| Operating Humidity | 10% - 90% RH |
| Approvals | CE Class A, FCC Class A, LVD, IP66, IK10 (metal casing) |
| Material | Metal Plastic |

► Photo Indication



► Dimension Diagram



Unit: mm [inch]

▶ Related Products

Mounting Accessories - Camera Mount

PMAX-0529



Pole Mount (for Q450) supports 3.3" to 7" Poles

PMAX-0534



Pole Mount with Junction Box (for Q450) supports 3.25" to 7.0" Poles

PMAX-0728



Junction box for Q450

Note: Some mounting accessories may need additional accessories for installation. Please check www.acti.com/mountingselector for more information.

Power Supply Accessories - Power Adapter

PPBX-0015



Power Adapter AC 100~240V (12V/2A Output), with universal connectors for R21CF-xx

Power Supply Accessories - PoE Injector

PPOE-0101



High PoE Injector IEEE 802.3at compliant, AC 100~240V, with universal connectors (for A416, A418, B913, B923, B934, Q450, Q75, VMGB-400, VMGB-603, VMGB-604, Z36, Z37, Z71, Z710, Z952)

Audio Devices - Microphone

PMIC-0100



Active Microphone Omnidirectional for all Cameras with Line-in Audio