

# Q91

## 2MP People Counting Outdoor Mini Dome with Extreme WDR, SLLS, Fixed Lens



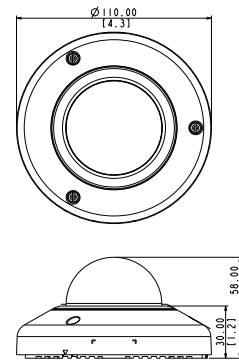
- 2 Megapixel with 1080p
- Superior Low Light Sensitivity
- Fixed Lens with f2.55 mm / F2.2
- Extreme WDR (145 dB)
- 60 fps at 1920x1080
- Super Wide Angle
- Weatherproof (IP68), Vandal Proof (IK10) and Vibration Proof (EN50155)
- Built-in People Counting Analytics

### PHOTO INDICATION



- 1 Power LED
- 2 Memory Card Slot
- 3 Ethernet Port
- 4 Audio Input
- 5 Reset Button

### DIMENSION DIAGRAM



Unit: mm [inch]

Dome Cover		
PDCX-1111		2-inch, smoke, vandal proof (IK10)

Power Supply		
PPOE-0001		IEEE 802.3af PoE Injector for Class 1, 2 or 3 devices, with universal adapter

Popular Mounting Solutions		
Surface	Accessories not required	
Wall	PMAX-0316	
Pendant	PMAX-0111 PMAX-1400	
Gang Box	PMAX-0805	
NPT Standard Mounts	PMAX-0809 PMAX-1400	
Pole	PMAX-0506 PMAX-0316	

## PRODUCT SPECIFICATION

### Q91

#### • Device

Device Type	Outdoor Mini Dome
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8"
Effective Pixels	1944 (H) x 1224 (V) (2.38 MP)
Horizontal Resolution	1100 TVL
Day / Night	No
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.1 lux at F2.2 (30 IRE, 2400°K)
Mechanical IR Cut Filter	No
IR Sensitivity Range	No
IR LED	No
Electronic Shutter	1/5 - 1/32,000 sec (manual mode); 1/5 - 1/32,000 sec (auto mode)
S/N Ratio	56 dB

#### • Lens

Focal Length / Aperture	Fixed focal, f2.55 mm / F2.2
Iris	Fixed iris
Focus	Fixed focus
Lens Mount	Board mount
Horizontal Viewing Angle	110.3°
Viewing Angle Adjustment	Pan: ±90°; Tilt: 0°~90°

#### • Video

Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Max. Resolution vs. Frame Rate	60 fps at 1920 x 1080; 60 fps 1280 x 720; 30 fps at 800 x 600; 30 fps at 640 x 480
Multi-Streaming	Simultaneous triple streams based on video 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; Contrast; Sharpness; Automatic gain control; 2D+3D digital noise reduction; Flickerless; Defogging
Privacy Mask	4 configurable regions
Text Overlay	User defined text on video
Image Orientation	Rotation
Built-in Analytics	People Counting, Object Counting, Object Based Motion Detection, Tamper, Digital Image Stabilizer, Crowd Detection

#### • Audio

Compression	8kHz, Mono, PCM, 16 bit encoding, G.711
Audio Input	Mic-in and line-in, cable with 3.5mm phone jack

#### • Network

Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, 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
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 or snapshot to FTP server

#### • Interface

Local Storage	MicroSDHC memory card slot (card not included)
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#### • General

Power Source / Consumption	PoE Class 2 (IEEE802.3af) / 3.92W
Weight	489g (1.08lb)
Dimensions (Ø x H)	110 mm x 60 mm (4.3" x 2.4")
Environmental Casing	Weatherproof (IP68 rated); Vandal proof (IK10 rated); Vibration proof (EN50155); Transparent dome cover
Mount Type	Surface, Wall, Pendant, Gang box, Pole
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), IK10, IP68, NEMA 4X, EN50155, UL (for optional PoE injector)

#### • Integration

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available; ONVIF Compliant
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