

# Q22-K1

2MP Interview Outdoor Micro Box with Basic WDR, SLLS, Fixed lens



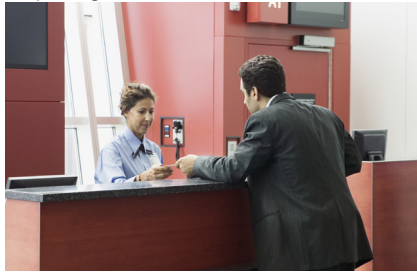
Full HD  
1080

- 2 Megapixel with 1080p
- Superior Low Light Sensitivity
- Fixed Lens with f2.55mm / F2.2
- Basic WDR (75 dB)
- 30 fps at 1920 x 1080
- Super Wide Angle
- Omnidirectional Built-in Microphone
- Weatherproof (IP68) and Vandal Proof (IK10)
- Desktop stand with magnetic base for Ease-of-installation

## Applications

### Interview Recording

Capturing video and audio at the same time



### Patient Monitoring

Monitoring with flexible camera installation



### Security Check

Discreet camera installation



## PHOTO INDICATION

Lens Unit:



Main Unit:



- |                        |                       |
|------------------------|-----------------------|
| 1 Camera Module        | 6 Camera Input        |
| 2 Built-in Microphone  | 7 Audio Out           |
| 3 LED Indicators       | 8 Ethernet Port       |
| 4 Memory card slot     | 9 Serial Port         |
| 5 Digital Input/Output | 10 DC 12V Power Input |
|                        | 11 Reset Button       |

## Accessory Options

### Power Supply

PPOE-0001		IEEE 802.3af PoE Injector for Class 1, 2 or 3 devices, with universal adapter
PPBX-0002		AC 100-240V to DC 12V power adapter with universal connector

**PRODUCT SPECIFICATION****Q22-K1****• Device**

Device Type	Outdoor Micro Box Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8"
Effective Pixels	1944(H) x 1224(V) (2.38 MP)
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
Electronic Shutter	1/5 ~ 1/32,000 sec (manual mode); 1/5 ~ 1/32,000 sec (auto mode)
Horizontal Resolution	1100 TVL
S/N Ratio	52 dB

**• Lens**

Focal Length / Aperture	Fixed focal, f2.55mm / F2.2
Iris	Fixed iris
Focus	Fixed focus
Cable Type	RJ12 connector up to 3m from main unit
Horizontal Viewing Angle	110.3° (overview area), 67.3° (high detail area)

**• Video**

Compression	H.264 (Baseline / Main / High profile), MJPEG
Max. Frame Rate vs. Resolution	30 fps at 1920 x 1080; 30 fps at 1280 x 720; 30 fps at 800 x 600; 30 fps at 640 x 480; 15 fps at 320x240
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28 Kbps - 6 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Basic WDR (75 dB); White balance: automatic, hold, and manual; Brightness; Contrast; Sharpness (auto); Auto gain control; 2D+3D digital noise reduction; Flickerless
Privacy Mask	4 configurable regions
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror

**• Audio**

Compression	8 kHz, Mono, PCM, 16 bit encoding; G.711
Audio-In	Built-in Microphone
Audio-Out	Line-out, Terminal block

**• 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; IEEE802.1X network access control

**• Alarm**

Alarm Trigger	Video motion detection (3 regions); External device through digital input; Sound detection
Alarm Response	Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Save video to local storage; Upload video or snapshot to FTP; Activate external device through digital output

**• Interface**

Digital Input	1, Terminal block
Digital Output	1, Terminal block
Serial Port	1, RS-232
Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)

**• General**

Power Source / Consumption	PoE Class 2 (IEEE802.3af) / 4.32 W DC 12V (adapter not included) / 3.6 W
Weight (Camera / Main Unit)	0.465 kg (1.025 lb) / 0.195 kg (0.43 lb)
Dimensions (L x W x H)	100.33mm x 75mm x 25.5mm (3.95" x 2.95" x 1")
Environmental Casing	Vibration proof (EN50155)
Mount Type	Surface, Desktop, Pole
Bundled Accessories	Gooseneck Bracket; Desktop Mount
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), EN50155, UL (for optional PoE injector and power adapter)

**• Integration**

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

\* All specifications are subject to change without notice.  
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