



General

Quaddrix is proud to present the new series of IP Professional Cameras oQ-900/960 perfect for those applications that required high performance and excellent cost benefit relation.

Functions

- **Built-in web server application from which to configure your camera's functions.**
- **Stable and reliable Linux Based OS embedded.**
- **Built-in memory where you can store up to 2 hours of video recording (at medium resolution) to ensure video recording in case of network failures.**
- **Network video playback speed: PAL 1~25Fps, NTSC 1~30Fps.**
- **Supports Dual-Stream, firmware upgrade and remote network operation.**
- **Supports various network protocols such as: TCP/IP, DNS, DDNS and PPPoE.**
- **You can also find this camera in WiFi and PoE (Power over Ethernet) models (by request).**
- **Built-in special functions such as motion detection, E-Mail and FTP notification, external alarm linkage and video lost notification.**
- **Microphone input and Audio.**

Technical specifications:

Optical specification

oQ-900
oQ-900/WiFi
oQ-900/PoE

| | |
|-----------------------|--|
| Image Sensor | 1/3" Sony Super HAD CCD |
| Effective Pixels | NTSC: 510(H) X 492(V) PAL:500(H) X 582(V) |
| Signal System | PAL/NTSC |
| Resolution | 420TVL |
| Sensitivity | 0.8Lux/F1.2 |
| Sensing Area | 4.9mm x 3.7mm |
| Lens | CS/C Mount (With Adapter Option) |
| Auto iris Control | DC Drive |
| S/N Ratio | More than 48dB (AGC Off) |
| Electronic Shutter | 1/50 (1/60) ~ 1/100,000sec |
| Video Output | 1 CH RJ-45 10M/100M Self-Adaptive Ethernet |
| Power Requirement | 12VDC |
| Power Consumption | 10W |
| Operating Temperature | -10°C~50°C |
| Dimensions | 68mm(W)x46mm(H)x135mm(L) |

Optical specification

oQ-960,
oQ-960/WiFi,
oQ-960/PoE

| | |
|-----------------------|--|
| Image Sensor | 1/3" Sony Super Had CCD |
| Effective Pixels | NTSC: 768(H) X 494(V) PAL:752(H) X 582(V) |
| Signal System | PAL/NTSC |
| Resolution | 520TVL |
| Sensitivity | 0.3 lux Day - 0.04 Night /F1.2 |
| Sensing Area | 4.9mm X 3.7mm |
| Lens | CS/C Mount (With Adapter Option) |
| Auto iris Control | DC Drive |
| S/N Ratio | More than 48db (AGC OFF) |
| Electronic Shutter | 1/50 (1/60) ~ 1/100,000sec |
| Video Output | 1 Ch RJ-45 10m/100m Self-Adaptive Ethernet |
| Power Requirement | 12VDC |
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NETWORK SPECS (apply for all IP models)

General

| | |
|-----------------------------|--|
| BUILT IN WEB BROWSER | Yes |
| INTERNAL STORAGE | Yes (Up to 2Gb fo local storage) |
| SECURITY | Multiple user access levels with password protection |
| USERS | UP to 10 users real time monitoring (account reusables) |
| WIFI | Yes, 802.11b/g (only for WiFi models) |
| PoE | Yes, 802.3af (only for PoE models) |
| ALARM INPUT | 2 channels |
| ALARM OUTPUT | 1 channel |
| NETWORK INTERFACES | 1 CH RJ-45 10M/100M self-adaptive Ethernet 1 802.11b/g WIFI (only for W models) |
| CONNECTORS | 1 RJ-45 1 Alarms socket 1 Mic IN 1 Audio Out 1 12VDC Jack |
| NETWORK PROTOCOLS | UDP/IP, TCP/IP, DNS, PPPoE, DDNS |
| STREAM CONTROL MODE | CBR (Constant Bit Rate) / VBR (Variable Bit Rate) |
| FRAME RATE CONTROL | ACF (Active Control Frame) |
| DUAL STREAM | Yes |
| MOTION DETECTION | Yes |
| PTZ CONTROL | Yes, RS485 out for external device control |

Video

| | |
|---------------------------|---|
| SIGNAL SYSTEM | PAL/NTSC |
| OUTPUT | 1 CH RJ45 network connector |
| VIDEO COMPRESSION | H.264 |
| ENCODE SPEED | NTSC: 1~30Fps adjustable PAL: 1~25Fps adjustable |
| ENCODE RESOLUTION | D1, HD1, CIF, QCIF, QVGA, QQVGA (real time) |
| VIDEO QUALITY | 1~6 (1 lowest, 6 highest) |
| MOBILE DEVICE VIEW | Yes PocketQ supported |

Power

Apply for all series

| | |
|---------------------------------|----------------|
| Voltage | 12V DC |
| Power consumption | 800mA |
| Recommended Power supply | QT-12VDC-800mA |

Audio

| | |
|--------------------------|-----------------------------------|
| AUDIO COMPRESSION | G.711/AMR |
| CROSS TALKING | Yes |
| INPUT | 1 CH Stereo Jack (for microphone) |
| OUTPUT | 1 CH Stereo Jack |

Technical Drawing

