



openQ oQ-61 series



<ul style="list-style-type: none"> WiFi optional 	<ul style="list-style-type: none"> H.264 compression
<ul style="list-style-type: none"> Up To D1@30fps Great live video 30 fps display performance. 	<ul style="list-style-type: none"> MICRO SD MEMORY included
<ul style="list-style-type: none"> Compatible 	<ul style="list-style-type: none"> Compatible
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SoftQ systems compatible: full camera control and management from Quaddrix NVS systems SoftQ Basic (included) and SoftQ Professional software (sold separately).

Built-in video intelligence functions : such as motion detection, camera masking detection, external alarm connection and alarm output; E-mail event notification with attached snapshots scheduled FTP snapshot and recording upload.

Wireless connection: Support wireless network, IEEE802.11g/b (for W models only).

Dual stream supported: allows you to have two different video encoding modes simultaneously for different network environment. Quaddrix IP cameras use the most advanced video encoding technology H.264 and supports video resolutions of up to D1@30Fps.

Day/Night CCD: Day Night sensor allows you to capture all the detail and information that provides the Color image and in turn will provide you with clear images and high resolution Black and White when light levels decrease, thus adapting to a myriad of solutions.

DNR (Digital Noise Reduction): The Digital Noise Reduction technology (DNR) improves Image quality by reducing fixed and random noises; as an additional benefit, DNR will help to optimize the recording process.

General

Get all the details in the scene with the new Quaddrix® oQ-61 IP Mini Dome Series. The best combination of an easy to install mini dome camera and multiple powerful resolution Options plus powerful IP performance: 420TVL or 540TVL Image sensor. With the varifocal lens 2.8-10mm or Wide Angle lens 2.8mm you will be able to match all the different scenarios of your surveillance requirements.

Functions

Built in internal memory for video storage: where you can have from 2 hours of video recording (at medium resolution according to the memory capacity) ensuring video recording in case of network failures.

Built in Web server: allows video live preview, camera configuration, playback, backup and local record from Internet Explorer.

Technical specifications:

Optical specification

oQ-61-C1 / oQ-61-C1W /
oQ-61-C2 / oQ-61-C2W /
oQ-61-C3 / oQ-61-C3W /
oQ-61-C4 / oQ-61-C4W

Image Sensor	1/3" Sony Super HAD CCD
Effective Pixels	510(H) x 492(V)
Total Pixels	537(H) x 505(V)
Signal System	NTSC (standard)
Resolution	420 TVL
Sensitivity	0.1 Lux
Day/Night function	Yes
BackLight Compensation	Yes
S/N Ratio	More than 52dB
Electronic Shutter	NTSC: 1/60 ~ 1/100000 PAL: 1/50 ~ 1/100000
White Balance	Auto
Sync mode	Internal
AGC	Auto
WDR	No
Scan System	Interlaced
DSP	Yes
OSD	No
DNR	Yes
DSS	No
Analog Video Output	Yes, BNC connector (for service)
Vertical Phase	59.94Hz

Optical specification

oQ-61-D1 / oQ-61-D1W /
oQ-61-D2 / oQ-61-D2W /
oQ-61-D3 / oQ-61-D3W /
oQ-61-D4 / oQ-61-D4W

Image Sensor	1/3" Sony Super HAD CCD
Effective Pixels	768(H) x 494 (V)
Total Pixels	811(H) x 508(V)
Signal System	NTSC (standard)
Resolution	540 TVL
Sensitivity	0.01 Lux
Day/Night function	Yes
BackLight Compensation	Yes
S/N Ratio	More than 52dB
Electronic Shutter	NTSC: 1/60 ~ 1/100000 PAL: 1/50 ~ 1/100000
White Balance	Auto
Sync mode	Internal
AGC	Auto
WDR	No
Scan System	Interlaced
DSP	Yes
OSD	No
DNR	Yes
DSS	No
Analog Video Output	Yes, BNC connector (for service)
Vertical Phase	59.94Hz

oQ-61-C1/oQ-61-C1W
oQ-61-D1/oQ-61-D1W

oQ-61-C2/oQ-61-C2W
oQ-61-D2/oQ-61-D2W

oQ-61-C3/oQ-61-C3W
oQ-61-D3/oQ-61-D3W

oQ-61-C4 / oQ-61-C4W
oQ-61-D4 / oQ-61-D4W

Lens

Lens Type	Fixed	Fixed	Varifocal	Varifocal
Focal Length	2.8mm	3.6mm	2.8~10mm	2.8~10mm
Angle of view	65°(V) / 81°(H)	53°(V) / 67°(H)	20° ~ 65° (V) / 27° ~ 81° (H)	20° ~ 65° (V) / 27° ~ 81° (H)
Mount type	Board	Board	Board	Board
Iris control	No	No	Auto Iris DC Drive	Auto Iris DC Drive

Parts included

oQ-61 Mini Dome / CD Rom

NOTE: for W models (WiFi models) the antenna is not included

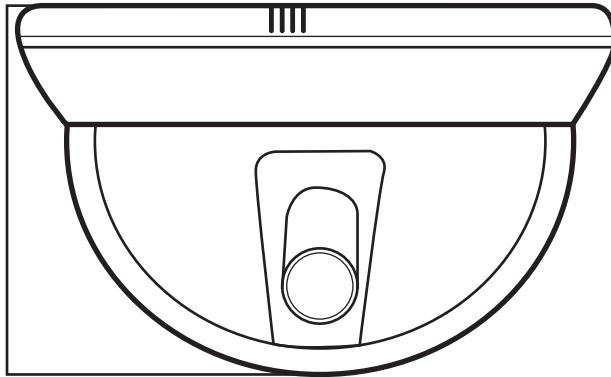
- Printed manual
- CD ROM (with manual & software applications) only for ip cameras

Parts to be ordered separately

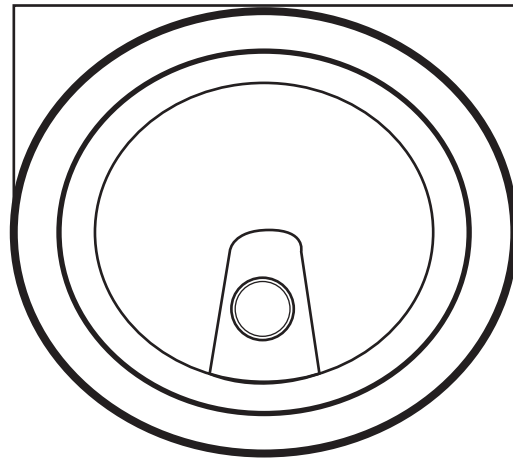
Order Information	Part Number	Description
Antenas		(only for WiFi device)
Power Supply	QT-12DC-1.25A	Power Supply 12VDC 1200mA

Technical Drawing

3.66 Inches/93 mm



5.15 Inches/ 131 mm



NETWORK (these specs apply for all IP models)

General

BUILT IN WEB BROWSER	Yes
INTERNAL STORAGE	Yes (Up to 2Gb for local storage)
SECURITY	Multiple user access levels with password protection
USERS	UP to 10 users real time monitoring (account reusable's)
WIFI	Yes, 802.11b/g (only for WiFi 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 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

Audio

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

Mechanical

Dimensions	2.4Inchs (H) x 3.7Inchs (φ)
Operation temperature	-10°C ~ 50°C
Operation humidity	20% ~ 80%
Environmental protection	For Indoor use
Vandal proof	No
Accessories	N/A

oQ-61-C1/oQ-61-C1W/oQ-61-C2
oQ-61-C2W / oQ-61-C3 / oQ-61-C3W
oQ-61-D1/oQ-61-D1W/oQ-61-D2
oQ-61-D2W / oQ-61-D3 / oQ-61-
D3WoQ-61-D4 / oQ-61-D4W

Power

Voltage	12V DC
Power consumption	800mA
Recommended Power supply	QT-12VDC-1.25A

oQ-61-C1/oQ-61-C1W/oQ-61-C2
oQ-61-C2W/oQ-61-C3/oQ-61-C3W
oQ-61-D1/oQ-61-D1W/oQ-61-D2
oQ-61-D2W / oQ-61-D3 / oQ-61-D3W
oQ-61-D4 / oQ-61-D4W

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