

QHUBO

New wireless intrusion HUB





QHUBO. Fast, simple, and beautiful: security cubed

Ideal for residential settings, shops, and offices, QHUBO is the perfect combination of effectiveness, ease of use, innovation, and design. Developed on the concept of comprehensive security yet user-friendly, QHUBO utilizes a brand-new wireless protocol (Q-TX) and communicates with devices in the field at a maximum distance of 1 km.

It's a system that is easy to install both for technicians who are approaching the EL.MO. brand for the first time and for experienced technicians. There are two setup platforms available based on one's level of knowledge of the EL.MO. ecosystem.

The same applies to end-user management, where users can choose between a simplified free app and a paid one complete with multiple high-value-added features.

QHUBO: safety everywhere



Residential



Small business



Retail



32

Managed wireless input devices

8

Customizable user profiles



A new concept of security



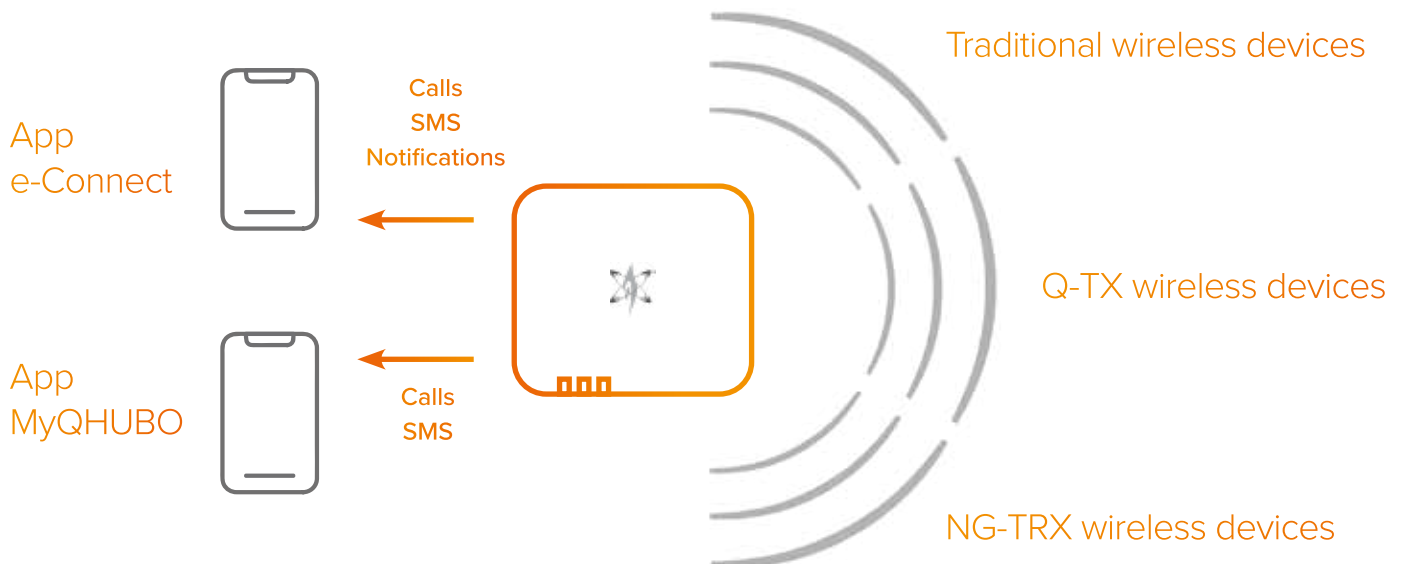
The QHUBO HUB system is available in two models that differ in the onboard communication modules installed:
QHUBO (with 4G module) and QHUBOWF (with 4G + Wi-Fi modules)



The QHUBO hubs interface with the e-Connect management platform or the new MyQHUBO and can be configured through the BrowserOne or QHUBOsetup applications



The design of QHUBO has been conceived by designers who have envisioned its harmonious installation in various contexts. It can be wall-mounted or placed on a dedicated base



Easiest and fastest installation and setup ever!

Just a few steps and the system is ready to use

AD HOC CONFIGURATION

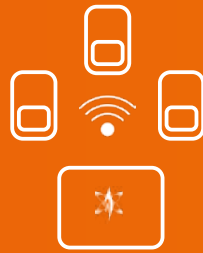
QHUBO, like all EL.MO. systems, offers extensive configuration options to ensure that the system adapts optimally to the needs of end users. Configurations, which can be performed locally during installation and maintenance or remotely via e-Connect, can be carried out using the BrowserOne software and involve multiple aspects of operation, including:

- » Management of inputs, areas, outputs, and users;
- » Access to system options;
- » Management of telephone dialer and radio sirens;
- » Configuration of control devices;
- » Radio device learning;
- » Sensor testing;
- » System lockdown.



1

Install QHUBO on a wall or on a flat surface



2

Pair the devices in the field



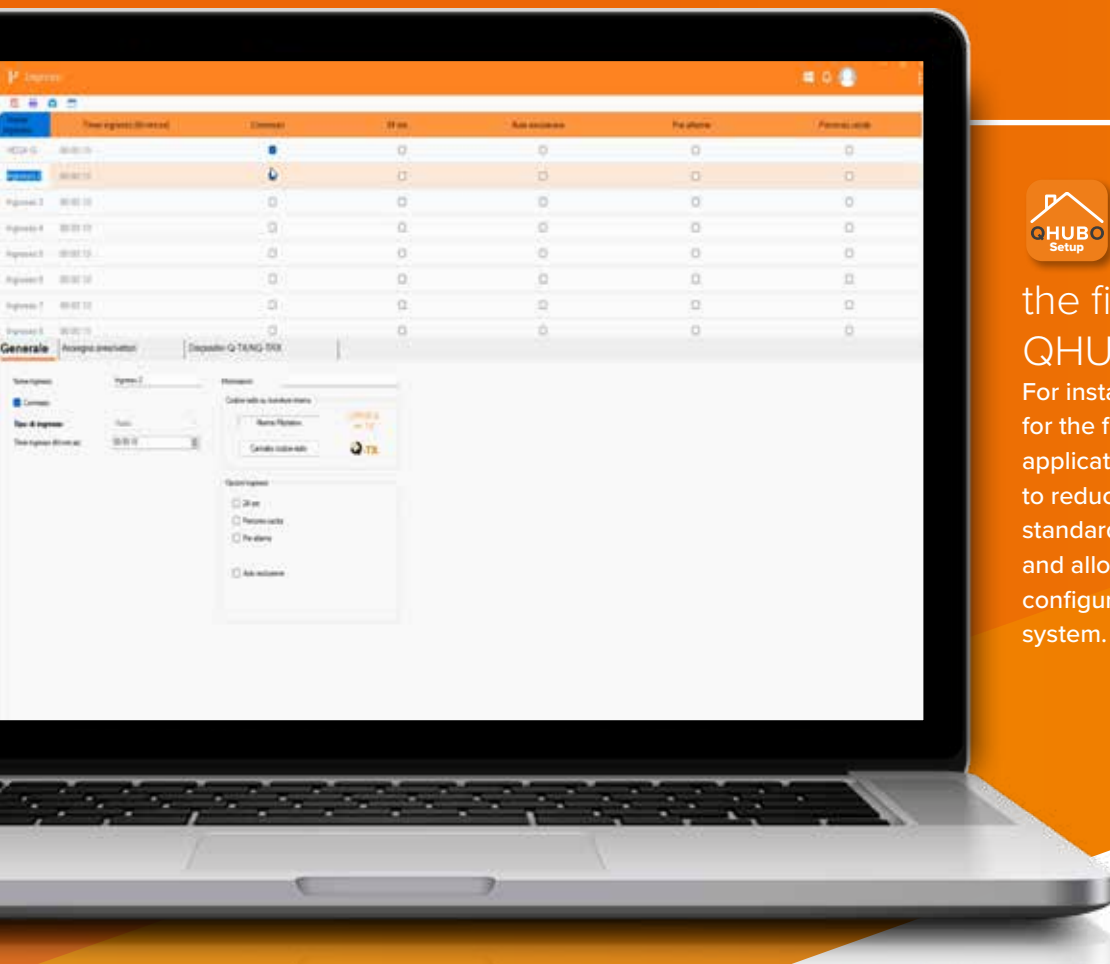
3

Perform the setup via PC



4

Done!



Installing EL.MO. for the first time? Use QHUBOSETUP

For installers approaching EL.MO. for the first time, the QHUBOsetup application has been developed to reduce the learning costs of the standard BrowserOne platform and allows for extremely fast configuration of the QHUBO system.

Managing QHUBO? A piece of cake!

Easy, intuitive, and always at your fingertips.

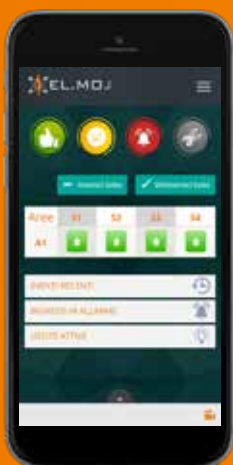
REAL-TIME MONITORING

Technology, especially for security, should be accessible to everyone. With the e-Connect app, monitoring the system's status is simple: a straightforward interface displays real-time operational conditions with 4 colored icons: standby status, alarms, anomalies, or tampering.

ACTIVE HOME MANAGEMENT

In addition to viewing the system status, users can take action on certain aspects of the 'home-system': activate/deactivate the entire system or specific areas, exclude sensors via graphical maps, view images from the surveillance system, or manage home automation elements such as irrigation and lighting.

Home page
system status



Notifications*



Area/sector
setup



Home
automation
activations



Camera view*



Management via
graphical maps*



Looking for a simple and free solution? Choose MyQHUBO

In addition to the e-Connect app, system management is possible through the MyQHUBO app. It's a simplified free application that includes essential features to activate/deactivate the system and check its status at any time.

* function available only with the e-Connect app

Full support of the new Q-TX protocol...

Proprietary bidirectional encrypted protocol with high security

TRIPLE FREQUENCY

Transmissions between the control panel and devices distributed in the field occur on three different frequencies protected by advanced encryption algorithms, ensuring a level of security and resistance to jamming never seen before in a wireless alarm system.

1 KM RANGE

Thanks to the innovative Q-TX technology, which ensures an operating range of 1 km, it is possible to create extremely flexible wireless intrusion systems with enormous potential. Reinforced concrete walls or a high number of floors are no longer a problem.

ENCRYPTED PROTOCOL

A cornerstone of the new Q-TX technology is its ability to manage bidirectional transmissions between the control panel and devices in the field. This makes Q-TX a smart technology that allows remote configuration of all devices.

HIGHEST TRANSMISSION SECURITY

Q-TX boasts innovative solutions resistant to the most modern illicit signal manipulation systems. Advanced encryption algorithms, cryptographic keys, rolling codes for each device, and an innovative anti-grabbing system make Q-TX an invulnerable system.

...but not only that



QHUBO natively manages Q-TX radio devices but also standard EL.MO. radio devices, based on the 434 frequencies.

But not only that: through the optional CHQ2K hardware key, QHUBO can be extended to the NG-TRX wireless world, which includes devices such as outdoor, indoor, gas, and flood sensors...



Outdoor sensors



MW+IR Sensors



Curtain sensors



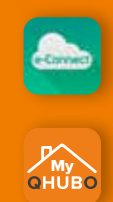
Carbon monoxide sensors



Smoke sensors



Flood sensors





Because it's the ideal solutions for installers...

- » QHUBO is a device complete with many advanced features yet simplified to facilitate the work of installers
- » Greater simplicity of installation translates to greater efficiency
- » Greater efficiency translates to better optimization of activities and more time available for other installations
- » You can choose between two installation and setup modes:
 - Complete via the BrowserOne software for installers whose knowledge of the EL.MO. world is already consolidated
 - Simplified via the QHUBOsetup application for those approaching the EL.MO. world for the first time
- » A product like QHUBO, appreciated by end users for its simplicity and excellent performance-to-investment ratio, significantly increases business opportunities

... and because it's the ideal solution for end users!

- » No masonry work required: devices communicate via wireless protocols
- » The QHUBO system has 4G and Wi-Fi interfaces to communicate with management platforms. Security and service continuity are guaranteed, even in case of anomalies with one of the two technologies
- » Management is easy and immediate: control and manage everything from the app
- » It's aesthetically pleasing with compact dimensions and minimal design: QHUBO can be wall-mounted or placed on a shelf thanks to the table bracket
- » You can create 8 users, each with specific permissions
- » QHUBO is equipped with a battery that allows it to operate even in the event of a blackout or attempts to tamper with the home's power supply by malicious individuals



Experience your entire home in a safer way

Security against theft and much more thanks to NG-TRX devices

PROTECTION AGAINST THE RISK OF FLOODING

For appliances like washing machines, dishwashers, or boilers that use water, malfunctions can sometimes occur, leading to domestic flooding. The RCALGRF device promptly detects these situations, allowing you to minimize damage.

FIRE RISK PROTECTION

Leaving a stove on by mistake or an electrical short circuit are rare but still possible events. With NG-TRX smoke sensors, the presence of smoke in a room triggers an immediate alarm, allowing for prompt intervention.

GAS LEAK RISK PROTECTION

Malfunctions of cooktops, boilers, or heaters can have serious consequences for environments or people.

It's possible to integrate methane, carbon monoxide, or LPG gas detection sensors into the QHUBO system.

HOME AUTOMATION AT YOUR FINGERTIPS

How many times would it be useful to turn on lights, activate irrigation, or raise blinds remotely? With NG-TRX wireless actuators, all of this is possible using the e-Connect and MYQHUBO apps or through voice commands to Google and Amazon's virtual assistants.



Complete security with EL.MO. is a reality

Integrated solutions for 360-degree security





InstaVision Video Verification

Has the alarm been triggered? Verify it yourself in real-time!

InstaVision® is the integrated video verification feature in e-Connect that creates synergy between intrusion systems and e-Vision® PRO CCTV systems.

As soon as QHUBO detects an intrusion attempt, the e-Connect platform immediately sends a notification to the user's smartphone, who can then choose from 3 options: view live video images, view recorded video images at the exact time of the event, or view images recorded up to one minute before, in order to reconstruct what happened.

The user can verify in real-time whether the event was generated by a real danger or simply by a "normal" situation, such as the passage of an animal.



**One of the set events occurs
(intrusion, tampering...)**



**The notification arrives on the
user's smartphone**



**The user verifies the situation
in real-time from the e-Connect app**

QHUBO...

hub-made security!

- ① QHUBO
- ② SCORPIO-Q
Q-TX Indoor IR Sensor
- ③ LUPUSC-Q
Q-TX Perimeter Transmitter
- ④ GAIA-Q
Q-TX Outdoor Siren
- ⑤ ATLANTE-Q
Q-TX Remote Control
- ⑥ TRIAL2K
NG-TRX Outdoor Sensor
- ⑦ STRIXO2K
NG-TRX Curtain Sensor
- ⑧ SMCOR2K
NG-TRX smoke and carbon monoxide sensor
- ⑨ AT22K
NG-TRX dual-output actuator
- ⑩ CONDOR2K
MW Sensor+IR NG-TRX
- ⑪ RFALGRF
RF flood sensor
- ⑫ Cube Camera
LAN + Wi-Fi cube camera
- ⑬ PROIBF07D
LAN + Wi-Fi outdoor bullet camera



Accessories

CHQ2K



Hardware key to manage
NG-TRX devices

QHUBOBRK



Table mounting
bracket



Stock code	CWHUB0000100 (QHUBO) / CWHUB0000200 (QHUBOWF)	
Native compatibility	Q-TX wireless devices and traditional wireless devices	
Optional compatibility	NG-TRX devices via optional CHQ2K key	
Integrated communication modules	4G (QHUBO - CWHUB0000100)	4G + Wi-Fi (QHUBOWF - CWHUB0000200)
Maximum number of users	8	
Areas / Sectors	1 area with 4 sectors	
Inputs / Outputs	32 inputs / 32 outputs (via NG-TRX actuators using the optional CHQ2K key)	
Voice synthesis	4 integrated messages	
Radio interface	3 configurable channels for transmissions on frequencies 868.120 MHz, 868.820 MHz, 869.525 MHz for LPD devices	
USB	1 mini-USB port for programming	
Event memory	1000	
Configuration	Through BrowserOne or QHUBOsetup software	
Enclosure	Plastic casing protected against opening and removal from the wall	
LED	3 front LEDs	
Siren	Integrated siren	
Dimensions	Dimensions: L 210 × H 180 × W 43 (L 210 × 190 × W 75 with bracket), weight: 850 g (935g with bracket)	
Power supply and consumption	Power supply: 110-240Vac 50Hz. 1 A adapter, 80 mA max	
Battery	Backup battery: Pb 12Vdc 800 mAh (included)	
Compliance	Compliant with EN 50131-3 grade 2, environmental class II	



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