

Q-SYS QIO-TEL2

KEY FEATURES

- Native analog telephony I/O expander for Q-SYS
- Two (2) POTS phone lines on standard RJ-11 connectors
- Power-over-Ethernet capable
- Daisy-chain up to four QIO network I/O expanders on a single network run (with local daisy-chained DC power)
- Simple drag-and-drop integration and comprehensive management via Q-SYS Designer Software and Q-SYS Reflect Enterprise Manager
- Surface- or rack-mountable
- Includes surface mounting hardware
- QIO-RMK rack mounting kit sold separately
- QIO-PSU DC power supply sold separately



Q-SYS QIO-TEL2

Analog telephony expander for Q-SYS

The Q-SYS QIO-TEL2 expands your Q-SYS system's capabilities to enable streamlined interoperability with analog telephony systems. By separating local I/O from processing hardware, the QIO Series network I/O expanders offer modular and easily scalable network I/O to support your desired topology.

BENEFITS

The Right I/O Where You Need It: The QIO-TEL2 allows you to provide your Q-SYS system with greater flexibility to deploy analog telephony connectivity where it's most convenient. Each of the QIO Series I/O expanders features a compact form factor that can be rack- or surface-mounted:

QIO-TEL2: The QIO-TEL2 provides two (2) POTS phone lines on standard RJ-11 connectors. It integrates analog telephony into Q-SYS, including PSTN subscriber lines, PBX phone and paging systems, and other retrofit applications where the use of VoIP is not possible due to security or cost.

Expanded I/O customization: QIO Series is intended to present a simpler way to add network I/O connectivity to Q-SYS systems, decoupling the physical location of the I/O from processing hardware to support distributed or centralized processing architectures. Additionally, QIO Series lets you customize your I/O configuration, and complements the strengths of newer Q-SYS Core models that were designed with fewer onboard I/O options (Core Nano, Core 8 Flex, or NV-32-H (Core Capable)).

Simplicity & scalability: Daisy-chain up to four of the QIO Series devices on a single network run (with local daisy-chained DC power) to consume fewer network ports, avoid rack clutter, and allow for quicker future expansion without pulling additional network cables. Alternatively, QIO Series are also PoE-capable, providing simple single cable connectivity (when devices aren't daisy-chained).

Designed for Q-SYS: QIO Series network I/O are native to Q-SYS, a cloud-manageable audio, video and control platform, built to deliver scalable, flexible AV solutions well into the future.

Q-SYS QIO-TEL2

Connectivity	Two (2) PSTN (POTS) phone lines on standard RJ11 (6P2C) connectors
Telephone Lines	
Impedance	600 Ω , nominal
Frequency response	300 Hz to 3.3 kHz, ± 1.0 dB
THD+Noise	< 0.5%
Signal-to-noise ratio	> 62 dB
Ringer Equivalent Number	0.1
Supported Territories	US, Canada, Australia, New Zealand, India, Singapore, EU, UK, Vietnam, Thailand, Indonesia, Philippines, Malaysia
Other Connectors	
External power supply	24 VDC nominal, 2.5A on Euro connector with second connector for daisy-chaining (QIO-PSU power supply sold separately)
LAN (PoE)	Gigabit LAN connection for Q-LAN, PoE
PoE specifications	Conforms to IEEE 802.3af Type 1, Class 1
LAN (thru)	Ethernet daisy-chaining
General	
Dimensions	8.5 x 4.25 x 1.59 in (215.9 x 108 x 40.4 mm)
Weight	1.63 lb (0.74 kg)
Mounting options	Surface- and wall-mountable (hardware included) Rack-mountable, 1RU, 1/4-rack width (QIO-RMK rack kit sold separately)
Environmental	
Thermal dissipation	10 BTU / Hour

