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 compliments 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 Eqivalent Number	0.1
Supported Territories	US, Canada, Australia, New Zealand, India, Singapore, EU, UK, Vietnam, Thailand, Indonesia, Philippines, Malaysia
Other Connectors	
External power supply	e
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, ¼-rack width (QIO-RMK rack kit sold separately)
Environmental	
Thermal dissipation	10 BTU / Hour

Q-SYS

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