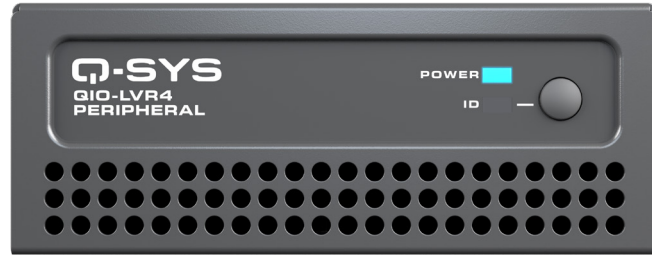


Q-SYS QIO-LVR4

KEY FEATURES

- Native low-voltage relay I/O expander for Q-SYS
- Four (4) contact closure relays (2-pin, 3.5 mm)
- 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
- 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-LVR4

Network low-voltage relay expander for Q-SYS

The Q-SYS QIO-LVR4 expands your Q-SYS systems' capabilities to enable streamlined interoperability with non-networked control devices via low-voltage relay connectivity. 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-LVR4 allows you to provide your Q-SYS system with greater flexibility to deploy low-voltage relay connectivity where it's most convenient. Each of the QIO Series I/O expanders also features a compact form factor that can be rack- or surface-mounted.

QIO-LVR4: Provides four (4) contact closure relays (2-pin, 3.5 mm) with transient voltage suppression to interface with third-party lighting systems, motorized shades, environmental systems, and more.

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-LVR4

Connectivity	Four (4) dry contact closure relay circuits with Normally Open (NO), Common (C), and Normally Closed (NC) connections
Rating	30 V AC @ 1A 24 V DC @ 2A
Panel Indicators & Controls	
Front panel LEDs	Power (blue LED), ID (green LED)
Front panel control	ID button (momentary)
Rear panel indicators	LAN (Thru) - link, speed, activity multi-color LEDs LAN (PoE) - link, speed, activity multi-color LEDs
Other Connectors	
External power supply	24 VDC nominal, 2.5 A 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 specification	Conforms to IEEE 802.3af Type 1, Class 1
LAN (Thru)	Ethernet daisy-chaining
General	
Dimensions (L x W x H)	5.5 x 4.25 x 1.59 in (139.7 x 108 x 40.4 mm)
Product weight	1.18 lb (0.54 kg)
Shipping weight	1.84 lb (0.83 kg)
Mounting options	Surface- and wall-mountable (hardware included) Rack-mountable; 1RU, quarter-rack width (QIO-RMK rack kit sold separately)
Environmental	
Power consumption	2.2 W typical
Ambient operating temperature range	0° C to + 50° C,
Humidity	5% to 85% RH through 30°C, non-condensing
Storage temperature	-20° C to + 70° C
Heat load	7.5 BTU/hr
Compliance	FCC Part 15 Subpart B, ICES-003:2020, cTUVus, CAN/CSA 22.2, IEC 62368-1, RoHS 2, WEEE, CE, EN 55032, EN 55035, RCM: AS/NZS CISPR 32, NOM, GB8898, GB13837, GB17625.1, China RoHS, KS C 9035, KS C 9032, KC 62368-1

