Q-SYS QIO-S4

KEY FEATURES

- Native control I/O expander for Q-SYS
- Four (4) bi-directional RS232 serial ports
- One port includes RS422 and RS485 compatibility
- 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

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Network serial I/O expander for Q-SYS

The Q-SYS QIO-S4 expands your Q-SYS system's capabilities to enable streamlined interoperability with non-networked control devices via Serial 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-S4 allows you to provide your Q-SYS system with greater flexibility to deploy Serial control 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-S4: Featuring four (4) bi-directional RS232 serial ports (including one port with RS422 and RS485 compatibility), the QIO-S4 enables Q-SYS control over lighting systems, video displays, conference systems, broadcast devices 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. At its foundation, the Q-SYS OS serves as the software foundation that manages your QIO Series devices along with a multitude of other native Q-SYS Products in the platform. Additionally, the modern IT architecture and development tools of the Q-SYS Platform enable an entire Ecosystem of third-party devices developed by approved Q-SYS Partners, as well as a worldwide community of Q-SYS developers using the available tools found in Q-SYS Open.

	QIO-S4
Serial Ports	
RS-232 / RS-485 / RS-422	One (1) port, configurable protocol, baud rate, and flow control
RS-232	Three (3) port, configurable protocol, baud rate, and flow control
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
LAN (Thru)	Ethernet daisy-chaining
General	
Dimensions	5.5 x 4.25 x 1.59 in (139.7 x 108 x 40.4 mm)
Weight	1.18 lb (0.54 kg)
Mounting options	Surface- and wall-mountable (hardware included) Rack-mountable; 1RU, quarter-rack width (QIO-RMK rack kit sold separately)
Environmental	
Ambient operating temperature range	0° to 50°C
Humidity	0%-85% through 30°C non-condensing
Storage temperature	-20° to 70°C
Compliance	FCC 47 CFR Part 15, IC ICES-003, CE (EN55032, EN55035), EU RoHS directive 2011/65/EU, WEEE directive 2012/19/EU, China RoHS directive GB/T26572, EAC, UL, C-UL, NOM-019