

## Q-SYS QIO-IR1x4

### KEY FEATURES

- Native control I/O expander for Q-SYS
- First native IR connectivity solution for Q-SYS
- One (1) IR receiver input and four (4) IR emitter outputs
- 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-IR1x4

Network IR I/O expander for Q-SYS

The Q-SYS QIO-IR1x4 expands your Q-SYS system's capabilities to enable streamlined interoperability with non-networked control devices via IR 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-IR1x4 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-IR1x4:** For the first time on a native Q-SYS product, add IR control connectivity to your system. The QIO-IR1x4 includes one (1) IR receiver input and four (4) IR emitter outputs, enabling Q-SYS control for any number of professional/consumer devices including video displays, media players 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 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. 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.

## Q-SYS QIO-IR1 x4

### IR/Serial Output Ports

IR output or RS-232 (transmit only)	Four (4) configurable ports
IR	Configurable carrier frequency and drive strength
RS232	Configurable baud rate
LED indicators	IR transmit activity

### IR Input Ports

IR Input Ports	One (1) port, bandwidth TBD
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### 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

