

IQSPI00

Serial Port Interface with RollNet

Programmable serial port interface for external devices and RollCall-compatible products.

The IQSPI00 from Grass Valley provides a programmable serial port interface for external devices and RollCall-compatible products.

Why should you choose this module?

- Flexible serial interfacing between third-party products and RollCall compatible Grass Valley products to provide comprehensive control and tally solutions
- Provides comprehensive control integration between RollCall compatible devices within a RollCall network
- External serial panels could control events and commands within a RollCall network
- Provides multiple actions from one input via the RollTrack mechanism, allowing for complex and interrelated functions to occur
- A standalone application allows setup of serial commands to RollCall commands and events

KEY FEATURES

- Enables control of products on the RollCall network via external serial events
- Interfaces external devices to RollCall i.e., tape machines, routers and disk stores
- Two RS-232/RS-422 user-configurable ports
- Two further RS-422 serial ports
- Multiple actions from one serial message with RollTrack

- External serial events produce RollCall logging messages
- Windows software program for function setup

Note: Contact sales office for a list of currently available interfaces to third-party equipment

SPECIFICATIONS

Inputs and Outputs

Serial Ports

Ports 1 and 2: RS-232/422 selectable connection via 9-way D-Type
D-Type

Ports 3 and 4: RS-422 connection only via 9-way D-Type

Control Interface

RollCall: 1x RollNet Interface via BNC/75Ω connector

Format: 2.5 Mb/s

Indicators

Data sent: For 4 interfaces

Data received: For 4 interfaces

RS-232 mode: RollCall network activity and status

General Specifications

All ports speed: 1200 – 115200 bit/s

Power Consumption

Module power consumption:

6W max. (A Frames)

5.5 PR (B Frames)

EMC Performance Information

Environment: Commercial and light industrial E2

Peak mains inrush current following a 5 second mains interruption: No mains input

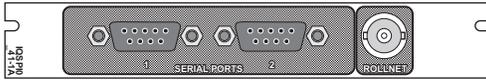
Performance information: No performance degradations or cable length limitations

ORDERING

IQSPI0041-1A

Serial Port Interface, 2x 9-way D-Type

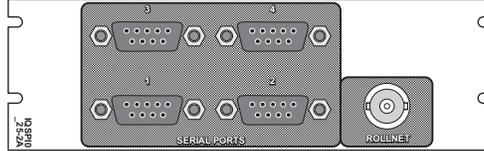
2x Serial Ports, 1x RollNet BNC



IQSPI0025-2A

Serial Port Interface, 4x 9-way D-Type

4x Serial Ports, 1x RollNet BNC



For more details on enclosure types please refer to the IQ Modular Enclosures datasheet.