

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?

- Enables interfacing to external serial controlled devices
- Provides more flexible control integration either to or from modules in 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 RollCall-based PC application allows setup of serial commands to Roll-Call 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

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

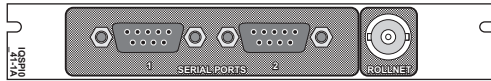
Peak mains inrush current following a 5 second mains interruption: No mains input

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



IQSPI9900-1A

Custom-designed Serial Port Interface, 2x 9-way D-Type
2x Serial Ports, 1x RollNet BNC. Contact Grass Valley sales office with requirements



CSPISOFT

Pre-written software interfaces for third-party equipment

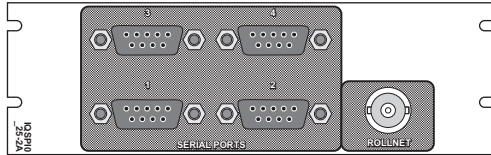
ROLLDIF

Custom Interface Development — Custom interface design for equipment types not already supported. Contact Grass Valley sales office with requirements

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

IQSPI0025-2A

Serial Port Interface, 4x 9-way D-Type
4x Serial Ports, 1x RollNet BNC



DS-PUB-2-0891A-EN



WWW.GRASSVALLEY.COM

Join the Conversation at [GrassValleyLive](#) on Facebook, Twitter, YouTube and [Grass Valley - A Belden Brand](#) on LinkedIn.



www.grassvalley.com/blog

This product may be protected by one or more patents. For further information, please visit: www.grassvalley.com/patents.

Belden®, Belden Sending All The Right Signals®, the Belden logo, Grass Valley®, GV® and the Grass Valley logo are trademarks or registered trademarks of Belden Inc. or its affiliated companies in the United States and other jurisdictions. Grass Valley products listed above are trademarks or registered trademarks of Belden Inc., GVBB Holdings S.A.R.L. or Grass Valley Canada. Belden Inc., GVBB Holdings S.A.R.L., Grass Valley Canada and other parties may also have trademark rights in other terms used herein.

Copyright © 2019 Grass Valley Canada. All rights reserved. Specifications subject to change without notice.