

IQSPI00

Serial Port Interface with RollNet

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

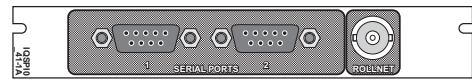
Features

- 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 RS232/RS422 user-configurable ports
- Two further RS422 serial ports
- Multiple actions from one serial message with RollTrack
- External serial events produce RollCall logging messages
- Windows software program for function set-up
- Note: Contact sales office for a list of currently available interfaces to 3rd party equipment

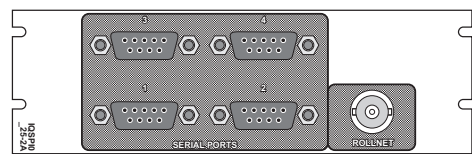
Why should you choose this module?

- 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
- Can provide multiple actions from one input via the RollTrack mechanism, thus allowing for complex and interrelated functions to occur
- A RollCall based PC application will allow setting up of serial commands to RollCall commands and events

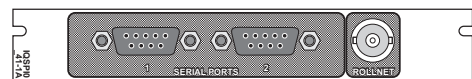
Order codes



IQSPI0041-1A
Serial Port Interface. 2 x D9.
2 x Serial Ports, 1 x RollNet BNC.



IQSPI0025-2A
Serial Port Interface. 4 x D9.
4 x Serial Ports, 1 x RollNet BNC.



IQSPI9900-1A
Custom designed Serial Port Interface. 2 x D9.
2 x Serial Ports, 1 x RollNet BNC. Contact SAM sales office with requirements

CSPISOFT - Pre-written software interfaces for 3rd party equipment

ROLLDIF Custom Interface Development - Custom interface design for equipment types not already supported. Contact SAM sales office with requirements

For more details on enclosure types please refer to Frames and Hardware section.

Technical Specification

Inputs and Outputs

Serial Ports

Ports 1 and 2 RS232/422 selectable connection via 9 way D-Type
Ports 3 and 4 RS422 connection only via 9 way D-Type

Control Interface

RollCall 1 x RollNet Interface via BNC/75 ohm connector
Format: 2.5 Mbit/s

Indicators

Data sent For 4 interfaces
Data received For 4 interfaces
RS232 mode RollCall network activity and status

Specifications

All ports speed 1200 – 115200 bit/s

Power Consumption

Module power consumption 6 W 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
Performance information No mains input
No performance degradations or cable length limitations