

**RS2321X8 Serial Router**



Input side  
RS232/RS422 In



Output side  
RS232/RS422 Out

**The RS2321X8** Serial Router allows the single serial output of the Xantech CSPLCD Commercial Touchscreen Controller to be expanded to control eight different serial devices, or up to sixteen devices when used with the CM8X8CTL. Each router port, when selected, allows for bi-directional serial communication for local and remotely located serial devices up to 4000 feet away. A/V distribution products, projectors, lighting controls, plasma and LCD displays, lighting, HVAC, and more may be controlled via serial commands, by a single, user-friendly Touchscreen Display.

The RS2321X8 Serial Router accepts either RS232 or RS422 commands, while having four addressable RS232 outputs and four addressable RS422 outputs, enabling cable runs of up to 4000 feet. The RS2321X8 Serial Router is controllable by either RS232 or IR, making it the only serial router currently on the market offering IR control with addressable outputs.

**Features include:**

- Enables eight serial devices to be controlled from a single CSPLCD Touchscreen Controller
- Enables 16 serial devices to be controlled from a CM8X8DR controller
- RS232 and RS422 inputs for installation flexibility
- Four addressable RS232 outputs
- Four addressable RS422 outputs allow cable runs of up to 4000 feet
- Controllable via RS232 or IR
- Power supply required (not included, use 781RG or 782-00)



DATA SHEET

RS2321X8 Serial Router

TECHNICAL SPECIFICATIONS:

**Dimensions:**

- Height: .80" (20 mm)
- Width: 10.75" (273 mm)
- Depth: 3.50" (89 mm)
- Weight: 1.38 lbs. (.63kg)

**Connections:**

- RS422 in: RJ45
- RS232 in: DB9 male
- IR in: Screw terminal
- 12V DC in: 2.1mm Coaxial
- RS422 out: RJ45 x 4
- RS232 out: DB9 x 4 female

**Environmental:**

- Temperature: <60°C
- Humidity: < 95%RH

**Included accessories:**

- Instruction manual
- Screw terminal connectors

**Power requirements:**

- 12VDC 130mA

**Optional Accessories:**

- 781RG or 782-00 High Current power supply
- RS422232 Module

**Approvals and certifications:**

- CE
- C-Tick