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#### BroadPort 550 SMPTE



This family of uPCI cards is available with SMPTE DB9 connectors in 8 or 16 port rackmount interfaces. Provides 16550 UART technology, DCE/DTE switch, and RS-422 connections. Supports 3.3 or 5.0 volt PCI expansion slots.

#### Wireless Device Servers

##### DeviceMaster FreeWire



This wireless device server provides industry-leading security including WPA, WPA2, and WEP, plus 802.1x authentication with the most commonly used EAP types. Rugged galvanized steel enclosure with IP40 industrial grade rating. Supports RS-232 communication modes, via a DB9 connector.

#### Media Converters

RocketLinx™ MC5001 and MC7001 are full-featured industrial grade fiber serial and fiber Ethernet media converters. They are designed to meet the needs for EMI immunity and extended fiber transmission within the harsh environments typical of traffic, power, rail, and other industrial applications.

##### RocketLinx MC5001



This product is an industrial serial to fiber media converter designed to extend RS-232/422/485 serial communications across a fiber media link using two converters. Offers simple DIP switch configuration, extended operating temperature (-20° C to 70° C), a wide input voltage range, and 15KV ESD protection. Available in single and multi-mode models.

##### RocketLinx MC7001



This Ethernet to fiber media product converts 10/100Base-TX Ethernet to 100Base-FX fiber. It offers simple DIP switch configuration, low latency performance, extended operating temperatures (-10° C to 70° C), DIN rail mount, and IP31 rated aluminum housing. Available in single and multi-mode models.

#### Multi-Modem Cards

##### RocketModem IV



This in-server card is available with 4 or 8 modems supporting 3.3 and 5.0 volt PCI and PCI-X expansion slots. Both V.92 and K56flex 56 Kbps technology is supported.

#### USB Serial Hubs

##### RocketPort USB Serial Hub III



This is a USB-attached 8-port serial expansion device for PC-based computers, and Windows and Linux operating systems. It provides 8-ports, RS-232 serial communication modes, and DB9M connectors.

#### CONTROL APPLICATIONS

- IP Surveillance
- Access Control
- Broadcast
- Government
- Hotel Automation
- Industrial Automation
- Traffic Technology
- Building Controls
- Power Utility
- Medical

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**CONTROL CORPORATION**

**2010 PRODUCT GUIDE**

[www.comtrol.com](http://www.comtrol.com)

Comtrol Corporation has been an expert network advisor for 29 years, focusing on providing intelligent, ruggedized Ethernet, fiber and serial communication products. Comtrol's products are designed for a wide range of enterprise, industrial, hospitality, security, power utility and traffic automation applications in virtually any size commercial or government organization. Our products are sold through more than 50 regional, national, and international distributors and thousands of resellers and integrators worldwide.



When you invest in Comtrol products you buy more than hardware, you also gain our expert support and driver development. Our customer support technicians have an average of ten years experience per person.

As expert network advisors, we provide more than product capabilities — we are committed to our customers' objectives. Comtrol's product lines have been proven reliable, are backed by unparalleled technical support and are used globally everyday in mission critical applications.

**connect. communicate. control.**

**WHY CHOOSE COMTROL**

- Ease-of-use
- Reliable Products
- Quality Engineering and Manufacturing
- Unparalleled Technical Support

**COMTROL PRODUCT LINES**

**Industrial Ethernet Switches**

The RocketLinx™ family of Industrial Ethernet switches are designed to meet the performance and environmental demands for applications requiring extended operating temperatures, rugged housings and high performance and reliability. With both managed and unmanaged models available, the RocketLinx ES series of switches provide cost-effective networking solutions delivering the industry's best Ethernet switch technologies.

**Managed Switches**

**RocketLinx ES7506**

This industrial switch features 6 Managed Ethernet and 4 PoE Plus port options. This product comes with features like redundant power, under 5ms recovery times, rugged house and drip proof (IP31), Cisco-like command line interface, and operates within a broad -20° C to +60° C temperature range. The ES7506 is IEEE802.3at and IEEE 802.3af compliant.

**RocketLinx ES8510**

This is a managed Gigabit industrial Ethernet switch, equipped with 7 10/100-TX ports and 3 10/100/1000 RJ-45/100-TX/Gigabit SX/LX combo ports. This product is housed in a rugged aluminum enclosure that features a heat dispersing mechanical design, wide operating temperature range of -20° C to +70° C and redundant power inputs.

**RocketLinx ES8510-XT**

This product has all the same features as the ES8510, except the ES8510-XT offers an extended temperature range of -40° C to +74° C. NEMA TS2 compliant.



**Unmanaged Switches**

**RocketLinx ES8108**

This is an 8-port Fast Ethernet industrial switch featuring a 2.0Gbps Packet Switch engine and packet forwarding and filtering mechanisms to meet industrial communications standards. It is equipped with two redundant power inputs, features wide input voltage ranges and operates within a broad -25° C to +70° C temperature range.

**RocketLinx ES8108F**

This industrial switch features 6 10/100-TX ports and 2 multi-mode (2KM) or single-mode (30KM) fiber Fast Ethernet switch options. It is equipped with two redundant power inputs, features wide input voltage ranges and operates within a broad -25° C to +70° C temperature range.

**Ethernet-Connected Device Servers**

The DeviceMaster® family of serial to Ethernet device servers enable superior device networking capabilities. Connect RS-232/422/485 serial devices to the network with DeviceMaster using your existing software applications. Supports native COM, TTY, or TCP/IP socket communications.



**DeviceMaster RTS**

This family of device servers offer software-selectable ports (RS-232/422/485) as well as the ability to host local embedded programs. They are available in 1- to 32-port models, provide DB9 or RJ45 connectors, have extended operating temperature ranges (-37° C to +74° C), support NEMA TS2 and have DIN rail mounting options.

**DeviceMaster RTS VDC**

This family of device servers provide 5-30 volt variable power eliminating the need for power converters. They are RS-232/422/485 software-selectable, and provide extended operating temperature ranges (-37° C to +74° C).

**DeviceMaster PRO**

This family of device servers offers 10/100Base-T Ethernet ports and 8 or 16 serial ports. They support RS-232/422/485 serial communications at speeds up to 230 Kbps with DB9 or RJ45 connections, and provide extended operating temperature ranges (-37° C to +74° C).

**DeviceMaster Serial Hub**

This family of device servers provides 10/100Base-T and supports industry-standard DB9 connectors, and RS-232 interfaces. They have 8 or 16 serial ports, communication speeds up to 230 Kbps, and provide extended operating temperature ranges (-37° C to +74° C).

**Multi-Port Serial Cards**

The RocketPort® family of serial port cards make high-performance device connectivity reliable, cost-effective, and easy. Expand the amount of I/O devices you can connect and control from your PC. A wide array of port densities, interfaces, surge protection, and rackmount options means there is one to fit your networking needs.

**RocketPort INFINITY**

This family of serial port cards support 32 or 64 bit 3.3 or 5 volt PCI and PCI-X expansion slots. Communication speeds up to 921 Kbps, RS-232/422/485 software-selectable, and 4- to 32-port options. Both fan-out cables and serial interface boxes are available, supporting DB9, DB25, and RJ45 connectors.

**RocketPort EXPRESS**

This family of serial port cards are fully compatible with systems that have x1, x2, x4, x8, x12 and x16 lane PCI Express expansion slots. Communication speeds up to 921 Kbps, RS-232/422/485 software-selectable, and 4- to 32-port options. Both fan-out cables and serial interface boxes are available, supporting DB9, DB25, and RJ45 connectors.

**RocketPort uPCI**

This family of serial port cards provide 3.3 and 5.0 volt PCI expansion slots. They support RS-232 and RS-422 serial communications (depending on model) at speeds up to 460 Kbps. Up to 32 COM ports can be added using a single slot. Both fan-out cables and serial interface boxes are available, supporting DB9, DB25, and RJ45 connectors.

**RocketPort Jet**

This family of serial port cards is compatible with 3.3 and 5.0 volt PCI expansion slots. They provide either two or four additional native serial ports. Supports RS-232 serial communications at speeds up to 921 Kbps.

*See other side for more products*