RocketPort® INFINITY and EXPRESS
16-Port Surge Interface

Part Number: 30035-9

KEY FEATURES AND BENEFITS

- 15KV Surge Protection

- DB9 Male connectors

- RS-232/422/485 software-selectable ports

- Communications speeds up to 460Kbps

- RoHS2 compliant under CE

PRODUCT DESCRIPTION

Flexible, reliable and high-speed serial port expansion.

The next generation RocketPort 16-Port Surge Interface has 16 DB9M connections that can be configured for RS-232/422/485 serial communications at speeds up to 460Kbps. The surge interface provides 25KV surge protection on the serial ports. The interface also contains an additional connection for the host interface cable. This product is not usable with older RocketPort ISA, PCI, or uPCI products, and is only suitable for use with the RocketPort INFINITY PCI-X and RocketPort EXPRESS PCIe products.

connect. communicate. control.

ROCKETPORT SPECIFICATIONS

HARDWARE
Dimensions	7.5" x 5.5" x 0.9"
Product Weight	23.3 oz

ELECTRICAL SPECIFICATIONS
Surge Protection	25KV @400A for 1ns

ENVIRONMENTAL SPECIFICATIONS
Air Temperature	
System On	0° to 60°C
System Off	-20° to 85°C
Operating Humidity	5% to 95%
Altitude	0 to 10,000 feet
Mean time between failures (MTBF)	31.4 years

SERIAL COMMUNICATIONS
Port Communication	(16) DB9M
Software Interfaces	RS-232/422/485
Baud Rate	460Kbps

FEATURES
RoHS 2 compliant under CE
Rugged metal housing
Easy Setup
5 Year Warranty

REGULATORY APPROVALS
Emissions
Canadian EMC Requirements ICES-003
European Standard EN55022
FCC Part 15 Subpart B: Class A limit
AS/NZS CISPR 22
Immunity
European Standard EN55024
   IEC 1000-4-2/EN61000-4-2: ESD
   IEC 1000-4-3/EN61000-4-3: RF
   IEC 1000-4-4/EN61000-4-4: Fast Transient
   IEC 1000-4-5/EN61000-4-5: Surge
   IEC 1000-4-6/EN61000-4-6: Conducted
   Disturbance
   IEC 1000-4-8/EN61000-4-8: Magnetic Field
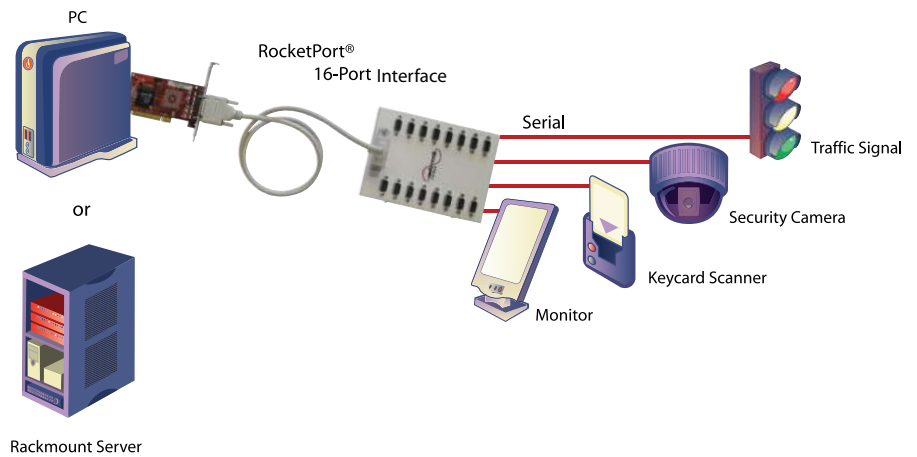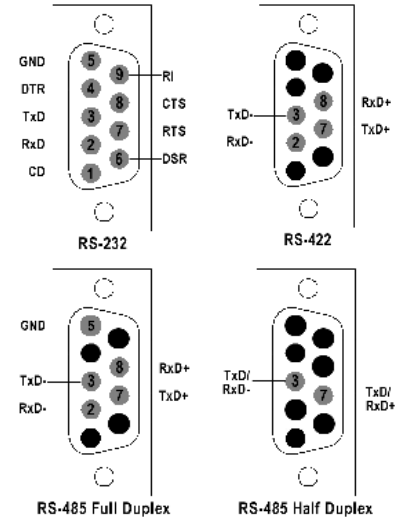   IEC 1000-4-11/EN61000-4-11: Dip and Voltage
Safety
   IEC 60950/EN60950 (LISTED)
      CSA C22.2 No. 60950/UL60950 Third Edition
Other
   RoHS2 Compliant

Regulatory Approvals

PINOUTS

RS-232

RS-422

RS-485 Full Duplex

RS-485 Half Duplex

PC

or

Rackmount Server

RocketPort®
16-Port Interface

Serial

Traffic Signal

Security Camera

Keycard Scanner

Monitor