HubCard

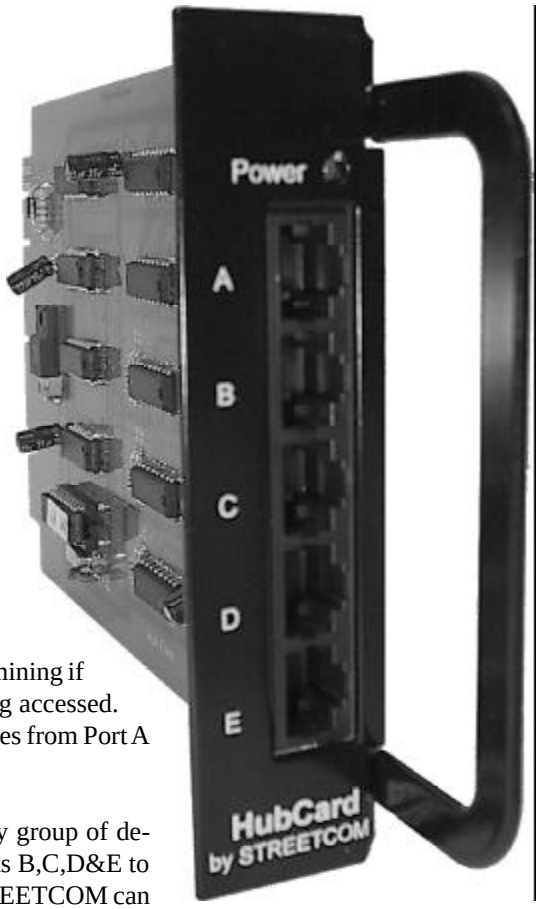
HC-1

STREETCOM

The ITS Solution for Interconnecting RS232 Signals

Description

HubCard is a device that allows connection of multiple RS232 communications devices to a central point. Communications can be from two groups of devices. Each device must be compatible within its group. However, the two groups can be incompatible with each other. The first group can directly support two devices and the second group can support two additional devices. STREETCOM's TransHub can be used to concentrate multiple devices into a single HubCard port. In each group, the RS232 signals are summed in a way that maintains the electrical characteristics. HubCard should be used in conjunction with QUICables from STREETCOM.



Five ports are provided for connection purposes. The ports have different functions. Port A is the master device connection port. It connects to a communications device such as a modem or to a computing device such as a PC. Ports B&C are the primary group of ports. Their default connection is to Port A. Ports D&E are the secondary ports. They are normally not connected to Port A until installed by the unit.

HubCard functions by monitoring data received on Port A and determining if data and timing are present to indicate the secondary group is being accessed. If an indication is found, HubCard will disconnect the primary devices from Port A and connect the secondary devices to Port A.

HubCard has unique programs to work with the specific secondary group of devices. There is also a configuration mode that always connects Ports B,C,D&E to Port A. Contact STREETCOM for device support information. STREETCOM can also create special configurations for additional device support.

Typical Applications

Combining RS232 communication signals from multiple devices to a single communications device, modem, or computer when the devices have compatible or incompatible protocols.

Supported RS232 Signals

TxD & RxD
CTS & RTS
DTR & DSR
CTS
GND

Electrical Power Requirements

Voltage - 24 or 12 VDC
Current - less than 100mA
Uses standard detector racks

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