Select a RM-232-485-4 when…

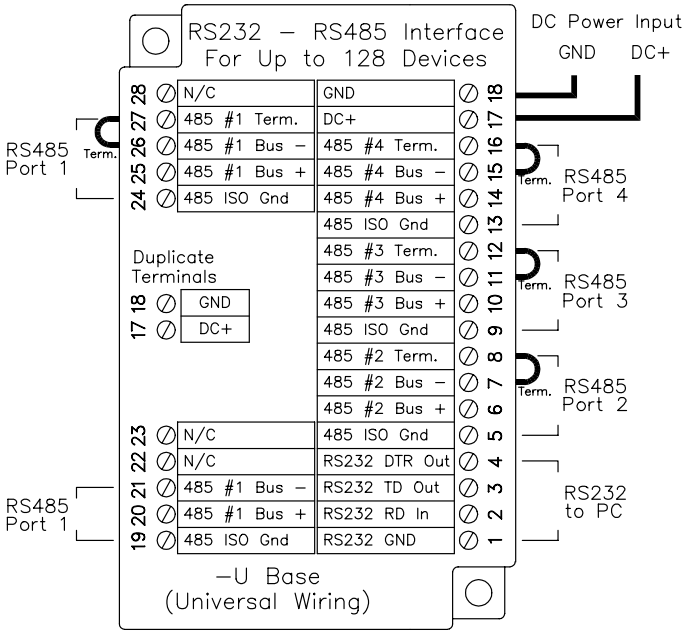
…you need to connect RemoteTRAK I/O modules (RS485 based) to a master controller with a RS232 port. This module is also recommended any time more than 32 RemoteTRAK modules will be addressed.

- Pre-integrated simple connection to any RS232 port (Standard PC or VersaTRAK com port wiring)
- Address up to 128 modules with buffered RS485
- 4 RS485 ports simplify "star configurations"
- Isolated RS485 wiring greatly increases reliability
- DIN rail, flat panel or tabletop mounting

Performance Specifications

Maximum baud rate	57,600 baud
Protocols supported	Modbus ASCII/RTU and SIXNET
Wiring configuration	RS485 two-wire isolated partyline
Isolation (RS485 to RS232 and power)	1200 Volts RMS 1 minute (See note 2)
RS485 RemoteTRAK ports	4 ports
Number of RemoteTRAK modules	32 modules per port, 128 modules total
Maximum RS485 cable distance	3 Km (See note 1 and page 14)

Serial communication information	See page 19
RS485 isolation	1200 Volts RMS 1 minute
Required supply voltage	10-30 VDC (0.5 watt typical)
Operating temperature range	-30 to 70° C
Storage temperature range	-40 to 85° C
Humidity (non-condensing)	5 to 95%



Notes: *1. RS485 distance is limited by baud rate and cable quality. See page 19.*

2. RS485 ports are group isolated from incoming power and the RS232 port.

Notes: *3. Connect up to 32 RS485 devices to each port (1-4).*

4. RS485 Port 1 connections may be made at terminals 19-21 and/or terminals 24-26. Any of the ports may be an end station or middle station on its own RS485 network.

5. To terminate any RS485 port, install the appropriate "Term" jumper as shown above.

6. Connect your PC to the RS232 port on the face of this module, or connect to terminals 1-4.

Ordering Information

Description	Part Number
RS485 converter with base	RM-232-485-4U
Replacement module only	RM-232-485-4M
8-foot RS232 cable	ST-CABLE-PF