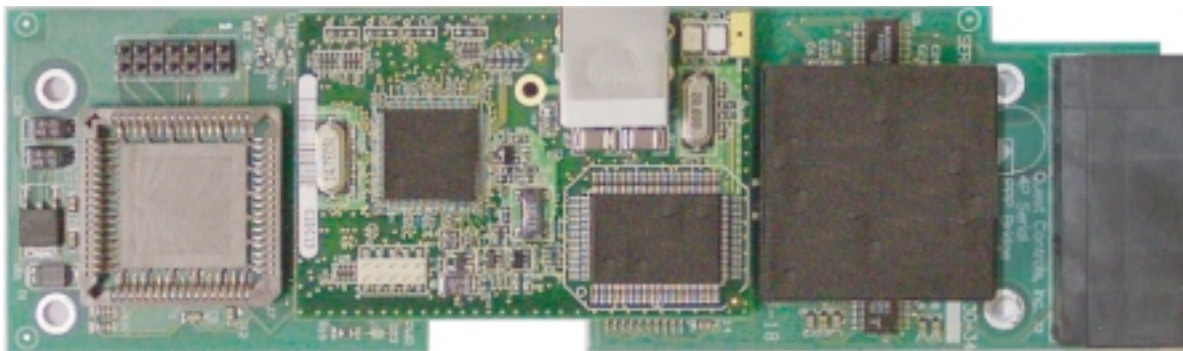


Quest 4 Port PPP/Async Serial Bridge

*for TCP/IP connectivity over PPP via analog modem
for the TELSEC® 800, 1500RM, and 2000RM*

Preordered Option: Part# 150691 • PID/SSI# 700255291 • Material ID# 11004008

Field Upgrade Kit: Part# 150693 • PID/SSI# 700255292 • Material ID# 11004007



4 Port PPP/Async Serial Bridge

Quest Controls' 4 port PPP/Async serial bridge offers north and southbound communications options for your TELSEC® 800, 1500RM and 2000RM.

On the northbound side, the product can communicate via normal dial-up modem (async mode). This is an ASCII based interface that can be utilized from any modem station. The product also offers an "always on" leased line modem capability. A customer utilizes this technique if the infrastructure requires a "nailed up" connection, and the wiring and modems are already present in the network. The third and most powerful method of connection is via dial-up PPP. A customer would utilize a central access point (typically a bank of modems) to communicate with multiple TELSEC®/PPP devices. This access point dials the product and establishes a PPP session with the TELSEC®/PPP. From that point forward, concurrent/password protected access to all southbound devices is available. Secure access via PAP (Password Authentication Protocol) is available.

On the southbound side, the product allows standard connectivity to the TELSEC® 800, 1500RM, and 2000RM products and additional connectivity for three other external async serial devices. 4 Port PPP/Async Serial Bridge is programmable to match the external device's communications parameters (baud rate, data bits, etc.) and pass-through connectivity is enabled. Access to the external devices is controlled by password access allowing only certain users to interrogate/monitor that equipment.

Quest 4 Port PPP/Async Serial Bridge

for TCP/IP connectivity over PPP via analog modem for the TELSEC® 800, 1500RM, and 2000RM

Preordered Option

(Part# 150691)

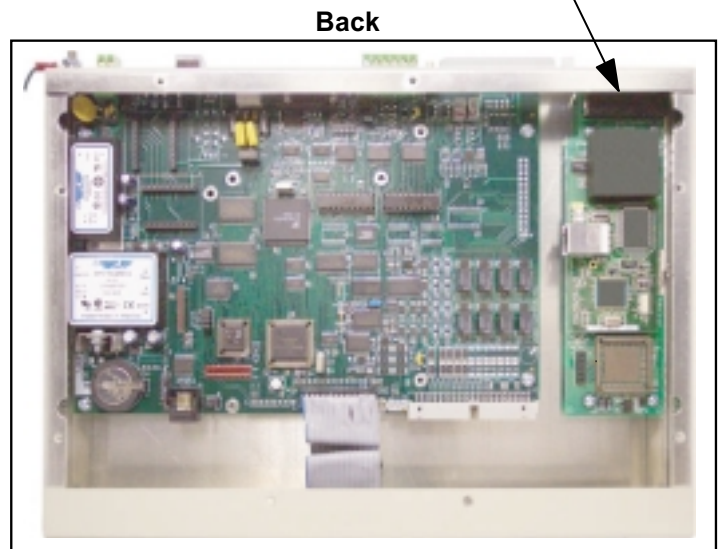
When ordering the TELSEC® 800, 1500RM, or 2000RM, please specify the 4 port PPP/Async bridge option by part number.

Field Upgrade Kit

(Part# 150693)

The TELSEC® 800 will accept a 4 port PPP/Async bridge Field Upgrade Kit. When retrofitting a 4 port PPP/Async bridge in a TELSEC® 1500RM or 2000RM, the user needs to make sure the TELSEC® 1500RM or 2000RM has the slot available in the back of the enclosure (see picture below) to accept the 4 port PPP/Async bridge. If this slot is not available than a new enclosure needs to be purchased.

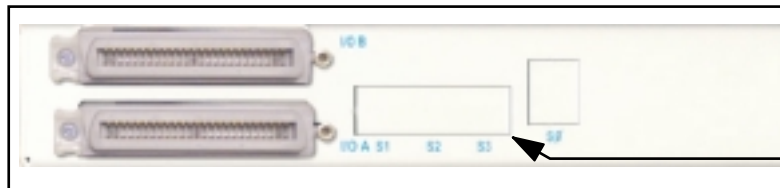
4 port PPP/Async bridge



Front

TELSEC® 800 shown from above with 4 port PPP/Async bridge installed minus the cabling.

Back left of TELSEC® 1500RM or 2000RM with 4 port PPP/Async bridge slot available.



4 port PPP/Async serial bridge slot.

Specifications

Part Number (option)	150691	PID/SSI Number	700255291	Material ID Number	11004008
Part Number (upgrade)	150693	PID/SSI Number	700255292	Material ID Number	11004007
Mounting	Mounts to enclosure's existing stand-offs with 4 #6 x 32 screws and lockwashers provided in kit				
Power	5VDC from TELSEC®				
Modem	56k V.90 capable				
External Serial Ports	Three (3) RS-232 serial ports with programmable baud rate and data bit format. Connection is via RJ45 jacks				
Network Interface	Programmable for Asynchronous ASCII or PPP dial-up				
Dial-up PPP	Supports simultaneous TELNET sessions to the three external serial ports and TELSEC® system				
Dial-up ASCII	Provides connection via dial-up to the external serial ports or the TELSEC® system				
Ambient Operating Range	-20 to 180° F (-29 to 82° C), 0-95% RH Non-condensing				
Dimensions	1"H x 7.125"D x 2.125"W (25mm H x 181mm D x 54mm W)				
Shipping Weight	2 lbs (0.9kg)				
Warranty	3 years				

Specifications subject to change without notice



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