FIAL™ TELECOM MONITORING SOLUTIONS

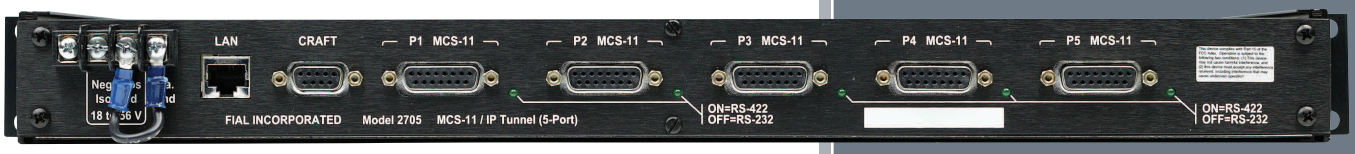
2701 / 2705

MCS-11 Tunnel Over IP
Model 2701 (1-Port) / Model 2705 (5-Port)

- Transport MCS-11 protocol over existing IP network
- Configure and view performance data over the Web
- Bridge MCS-11 islands using TCP/IP connectivity
- Connect Masters and isolated groups of MCS-11 products using TCP/IP

Key Features:

- Connects MCS-11 Islands over IP Network
- One Ethernet 10/100baseT Port
- One (2701) or Five (2705) MCS-11 Ports
- 5 Port MCS-11 Bridging (2705)
- MCS-11 Tunneling to Multiple Remote IP Addresses
- Distribute MCS-11 addresses across any number of remotes
- Telemetry Performance Data
- Wide Range DC Power Input
- Fully compatible with existing LAN/WAN & MCS-11 Networks



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Model 2701/2705 Characteristics

Telemetry Channel Interface

2701: One MCS-11 Port, DB15F	RS-422 or RS-232 synchronous, DTE or DCE
2705: Five bridged MCS-11 Ports, DB15F	Ports 1 through 4 DTE, port 5 DTE/DCE RS-422 or RS-232 synchronous (DTE accepts clock, DCE provides 64 kb/s clock)
LAN Port, RJ-45	10/100baseT operation, link & activity indicators Master connects to multiple remote units over IP Each IP connection bridged to single MCS-11 port (2701) or to internal MCS-11 bridge (2705) Remote IP ports not bridged together (direct connections between remote IP addresses are blocked) MCS-11 to IP address routing
Performance Data	Statistics via web browser interface (MIBII)

This product can not comprise the MCS-11 path between poll-synchronized polling engines, and may be used to tunnel to an MCS-11 spur from a poll synchronized system.

Craft Configuration Port

9-pin female D-Sub (DB9F) shielded	PC COM port connection RS-232, 9,600 baud 8/N/1, no parity, no flow control Embedded configuration program
LAN Port (same port as above)—RJ45	Provides remote configuration via web browser or telnet session

LED Indicators

Unit power and unit fail
MCS-11 TX & RX activity
Lamp test pushbutton, clock-detect function

Power

Input Power Range	18 to 56 VDC, floating
Power Consumption	4 Watts
Power Connection	Barrier Strip, two #6 screws (separate chassis ground strap)

Environmental

Operating Temperature	0° to +50° C
Humidity Range	5% to 95%, Non-condensing
Storage Temperature	-40° to +70° C

Physical Characteristics

Shelf Size	1.75" (1 RU) H, 19" W, 11" D
Rack Mounting	Flush, 2" or 5 1/8" projection
Shelf Weight	6 pounds

Fial Incorporated has developed a nationwide reputation for the design of microprocessor-controlled hardware and the development of software for custom applications at a competitive price.

We have been in business since 1978 with one basic objective: to provide functional, cost-effective solutions while maintaining strong communication links with every customer.

Fial Incorporated's products encompass a wide range of telecommunications alarm monitoring equipment that support multiple protocols including SNMP, MCS-11, TBOS, ELMC and TL-1. Our devices include protocol converters, remote encoders, synchronous packet data bridges, baseband and IF protection switch products, and other specialized equipment.

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