

PACKETport

MASTERseries IP Router Plug-on For use in MASTERseries Platform



Reduce capital expenditures by eliminating a separate, external router

Carrier Access' **PACKETport** is a compact, high performance IP router that integrates with any of the **MASTER**series application modules. **PACKETport**'s small size and low cost make it an ideal solution for BTS cell site and branch office edge routing applications.

PACKETport, a member of the **MASTER**series plug-on options, mounts on any **MASTER**series application module V.35 serial port and is fully integrated with Carrier Access' IP-based network management and control capabilities.

PACKETport requires no additional power source, and it is easy to install, requiring only a single software parameter change.

Multiple WAN operation modes are available for application traffic off of the LAN. PPP, Frame Relay, and HDLC WAN protocols are supported from 56k up to 10Mbps bit rates. In addition, a unique **MASTER**series control channel bandwidth sharing mode is available for maximum utilization of T1/E1 resources.

What makes the **PACKETport** different?

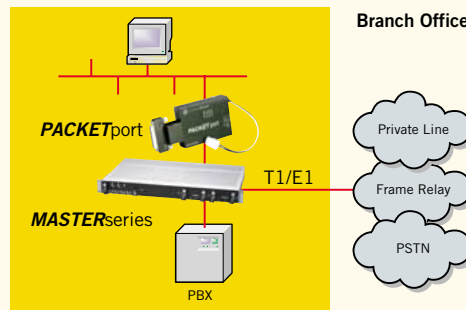
- Eliminates the need for a separate external router
- Creates an IP-based intranet between BTS, BSC, and MSC locations over the T1/E1 transmission backhaul network
- Provides integrated access to the corporate network and Internet from wireless infrastructure sites
- Flexible bandwidth allocation based on user requirements



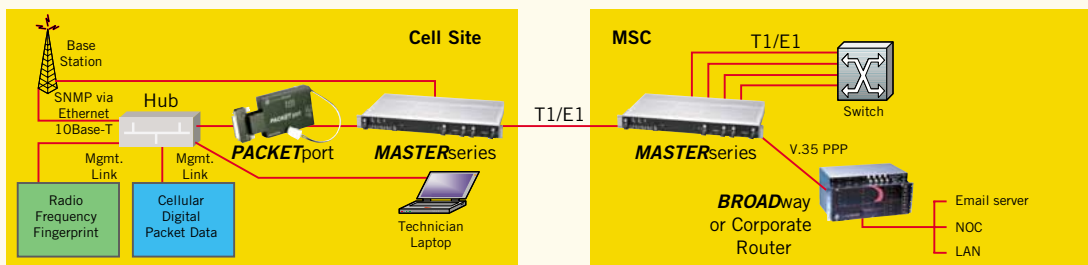
Key Features:

- Hardware-based high speed IP router
- IEEE 802.3/Ethernet V.2 compatible
- Single 10Base-T interface
- Attaches to any Paragon **MASTER**series V.35 serial port
- Management and control integrated with other **MASTER**series products and **MASTERview** web browser-based management platform
- Full WAN rate from 56k to 10Mbps
- Optional bandwidth sharing mode over **MASTER**series control channel for maximum bandwidth utilization
- Frame Relay (RFC 1490), PPP, and HDLC support
- Telnet and SNMP MIB support
- Supports up to 256 stations

PACKETport Voice and Data Integrated Access



PACKETport Cell Site LAN Access



Technical Specifications for the PACKETport MASTERseries IP Router Plug-on

Interfaces:

- Number of ports: 1
- Speed: 10 Mbps
- Interface:
 - 10Base-T (IEEE 802.3)
 - Ethernet V.2
- LAN protocols:
 - TCP/IP, IP Multicast
- WAN protocols:
 - PPP, Frame Relay, HDLC
- WAN throttle:
 - 64 kbps, 128 kbps, 512 kbps, 1 Mbps, full

Physical:

- Dimensions:
 - 1 in (H) x 2.8 in (W) x 6.65 in (D)
 - 2.5 cm (H) x 7.1 cm (W) x 16.9 cm (D)
- Weight: 12 oz
- Mounting in any MASTERseries serial port

Environmental:

- Operating Temperature: 32 °F to 122 °F (0 °C to 50 °C)



Product Ordering Information

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