

# EtherReach™ 2212

## Hardware Features

- 2x10/100BaseTX subscriber interfaces per IEEE 802.3u
- 2xDS3 (ANSI T1.102) network interface: 75 Ohm mini-BNC
- Local craft access via: 10/100BaseTX or DB9 serial interface

## System Features

### **Traffic Forwarding Modes**

- Logical circuit bonding; X.86 or GFP/VCAT/LCAS per ITU-T G.8040, G.7042, G.7043
- Configurable automatic removal / restoration of DS3's from link group
- MAC Bridging with priority queuing: IEEE 802.1d
- VLAN Bridging with priority queuing per IEEE 802.1p&q
- IEEE 802.1ad (Q-in-Q) Provider Bridges
- Transparent VLAN Forwarding, tag swapping and stacking
- Flow Control with PAUSE frames per IEEE 802.3x
- 4094 customer VLAN, 128 Service VLAN supported per 10/100M port
- 128 Policers supported per 10/100M port

### **Traffic Classification and Flow Control**

- **EtherFlow™** Dynamic Flow Control for Ingress Policing with 64kb/s granularity
- 4 link layer traffic priority levels per IEEE 802.1d
- WRR and strict priority queue processing
- Traffic Classification and Priority via ToS/IP precedence/DSCP/802.1q&p



### **OAM and Management**

- EdgeGenie (TBD - future release) EMS/NMS
- Aligned with Carrier Ethernet OAM standards; IEEE 802.3-2005 Clause 57\*, IEEE 802.1ag and ITU-T Y.1731\*
- TDR for LAN copper cable diagnostics
- Performance Monitoring: RFC 2819 RMON, ANSI T1.231.
- VLAN, Port and Queue statistics for SLAs
- DS3 alarms via RFC2496
- Inband management for remote telnet or HTTPS login
- Secure Shell Support
- SNMP v1/v2c/v3 support

### **Mechanicals**

- Width: 8 inches / 20.3 cm
- Height: 1.75 inches / 4.45cm
- Depth: 10 inches / 25.4 cm
- Optional 19" or 23" rack and tray mounts

### **Safety and Regulatory Approvals**

- MEF 9 & 14 certified
- NEBS Level 3 and Verizon Certification
- FCC Part 15, subpart B Class A
- ICES 003, Issue 2
- UL 60950 / EN 60950
- RoHS 5/6
- Call for country specific type approvals

### **Environmental**

- Operating temp: 0 to 45 degrees C
- Storage temp: -10 to 85 degrees C
- Operating humidity: 10% to 85% non-condensing

### **Power & Heat Dissipation**

- 12 VDC via 220 VAC (90-240V) Power Adapter
- Optional -48VDC Power Adapter

\* Future release



## **Contacting Technical Support**

Users can obtain technical assistance by any of the following mail, phone, fax, and e-mail options:

Web Access: <http://www.telco.com>

### **BATM Advanced Communications— Main Support Center in Israel**

Tel: +972-4-993-5630

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