

LAN and IP Services

- 4-port 10/100Base-T LAN Switch
- Auto-MDI-X
- IPv4, RIPv2, ICMP
- Dynamic and static NAT and NAT
- ACL Firewall
- DNS, DynDNS
- DHCP Server
- SNTP Client
- Optional IPSec VPN (DES, 3DES, AES)

WAN Connectivity

- 10/100BaseT Ethernet WAN
- Auto-MDI-X
- DHCP Client
- PPPoE Client (multi-session)
- IP Multi-Netting

IP Quality of Service

- Voice priority, DownStreamQoS™
- Traffic Management, shaping policing
- IEEE 802.1p, TOS, DiffServ Labeling
- IEEE 802.1Q, VLAN Tag insertion/deletion 4,096

Management

- Web-based GUI
- Fully documented CLI
- Telnet and HTTP access
- TFTP configuration up- and download
- TFTP firmware upgrade
- SNMPv1 agent, MIB II and enterprise MIB
- Built-in diagnostic tools
- Auto-Provisioning—Configuration and Firmware

ISDN Specification

- 2 ports Euro-ISDN BRI/So RJ-45
- 1 NT port/1 TE port
- DSS-1, Q.921, Q.931
- Point-point and point-multipoint
- Lifeline Bypass Relay TE port to NT port
- Optional QSIG support

Voice Signaling

- SIPv2
- H.323v4
- MGCP/IUA
- SIP call transfer, redirect
- Overlap or en-bloc dialing
- DTMF in-band & out-of-band
- Configurable call progress tones

Fax and Modem Support

- T.38 Fax over IP
- Fax relay and bypass
- Modem bypass

Call Routing & Services

- Regular expression number matching
- Regular expression number manipulation
- Least Cost Routing
- Number blocking
- Short-Dialing
- Digit collection
- Distribution- and Hunt- Groups
- 2nd call offering

Voice Processing

- G.711 μ A-law
- G.723.1 (5.3/6.3 kbps)
- G.729, G.729a, G.729ab (8 kbps)
- G.726 ADPCM (16, 24, 32, 40)
- G.168 echo cancellation (25ms)
- Transparent ISDN data
- Silence suppression and comfort
- Adaptive and configurable dejitter
- Configurable packet length

Power & Packaging

- Dimensions: 4.2W x 1.5H x 5.0D (10.6W x 3.9H x 12.7D)
- Weight: < 15.9 oz (450 g)
- Power Consumption < 4W

Operating Environment

- Operating temperature: 32–104°
- Operating humidity: up to 90%

Compliance

- FCC Part 15 Class A (US EMC)
- CE per RTTE 99/5/EC (EMC and LVD)
- Safety - EN60950
- TBR-3 (ISDN BRI/So)