

ONE150 Specifications

Basic hardware

- 1x ADSL2+ interface
- Fast Ethernet 4 port switch
- 1x console port

ADSL2+ interface

- G.lite, G.DMT Annex A (ADSL over POTS)
- ADSL2/2+ G.992.3 (including annex L - annex M) G.992.4, G.992.5
- RJ-11 connector
- ATM for ADSL

Ethernet interfaces

- 10/100Mbps, half/full duplex with auto-sense
- Automatic cross-over

FXS ports

- 8 ports (up to 6 ports enabled)
- Loop start
- Support of caller-id (DTMF and FSK)
- Support of fax and modem

Voice over IP

- SIP

Fax and Modem over IP

- Fax: V.27ter, G3, Super G3, V.29
- Modem detection

Bridging and VLANs

- Bridging and Integrated Routing and Bridging (IRB)

Voice processing

- Echo cancellation: G.165/168 compliant, non-linear processing
- Voice compression: G.711 (a/μ law), G.729a
- DTMF detection and generation
- Country specific tone generation (for Australia)

IP Addressing & Routing

- NAT/NAPT: static/dynamic NAT, NAPT, selective NAT, twice NAT
- NAT Application Level Gateway (ALG) for VOIP: SIP,

Security

- Stateful packet inspection firewall
- Standard and extended access lists

ATM (for ADSL interface)

- Up to 8 PVCs
- OAM-F5 (send/receive): loopback, continuity check
- Shaping: UBR, VBR-NRT, VBR-RT, CBR
- Encapsulations (LLC or Mux): IP, IPoE, PPP, PPPoE

PPP

- PPP over Ethernet (PPPoE) on ATM (ADSL2+) interfaces
- Automatic IP address assignment
- PAP/CHAP authentication

Management

- Industry standard Command Line Interface (CLI)
- Web-based GUI for LAN
- Auto-provisioning via HTTP auto-update protocol
- File upload/download via FTP/TFTP
- Traceroute, ping, extended ping
- Global statistics screens (console, web-based)

Dimensions

- Desktop, wall mountable
- W × H × D: 270 × 50 × 145 mm; Weight: 1.0 kg (Max.)

Power Adaptor

- Input: 240Vac/50Hz; 55mA max
- Output: 12Vdc; 5A max
- Average efficiency: ≥85%
- Dimensions (W × H × D): 115 × 52.5 × 30.5 mm
- Weight: 350g (Max.)