

a compact **micro** office solution



Tellumat

Technical Specification

Data Gateway Features

- WAN interfaces
- WLAN
- DHCP server
- DNS relay
- Routing
- Stateful Inspection Firewall
- Virtual server (including PAT and DMZ host)
- IGMP proxy
- VoIP (SIP 2.0)

WAN Interface

The router has the following WAN interfaces:

- 10/100 BaseT Ethernet WAN port
- ADSL 2+ modem

LAN Ports

4 x 10/100 BaseT Ethernet ports

Quality of Service

- Voice Service is prioritised over the data traffic (Network Dependant)

VoIP Functionality

2 x SIP (RFC 3261) voice channels

The following codecs are available to each channel:

- G.711 (64 kb/s) -Law
- G.711 (64KB/S A-Law
- G.729 A/B (8 kb/s)
- G.726 (32 kb/s)

The following features are used by the gateway:

- VAD (Voice Activity Detection)
- Silence suppression
- Comfort noise
- Echo cancellation (G.168)

ADSL Modem

The modem complies with the following ANSI T1.413 Issue 2
ITU-T G.992.1 Annex A / B (G.DMT)
ITU-T G.992.2 (G.lite)
ITU-T G.992.3 (G.dmt.bis)
ITU-T G.992.5 (ADSL 2+)

Protocol Support

PPPoA
PPPoE
RFC 1483

Management Application

Management system configuration via an intuitive webbased graphical user interface

Full Remote Management Application

Security:

Wireless - WEP and WPA are both supported for wireless security

Firewall - Stateful Inspection Firewall

Network Address Translation
Intrusion detection

Music on hold

- External calls -'96 music or tone

External music on hold

- External music devices connect via the MOH module to any extension port
- Stereo 3.5mm jack
- Output Level 25 - '96 32mA, Impedance 600 ohm

Environmental requirements

Normal working temperature: 0°C to 40°C
Working humidity (non-condensing):
5% to 95%

Safety and protection

EN55022, EN55024, EN60950

Voicemail

Integrated voicemail application

Voicemail capacities

10 Individual user mailboxes
1 system mailbox (answering machine)
2 Port: 30 Mins messaging capacity

Power Supply

AC-to-DC power adapter (provided)
110/220v AC - input
24 V DC 1.0A - output

Dimensions

200mm (W) x 190mm (H) x 80mm (D)

Feature Phones

- Large high contrast display
- Integrated speakerphone / conference
- Dual coloured programmable keys/LEDs

Feature Set includes

- Call Pickup
- Call Waiting
- Conference
- Call Forward
- Do Not Disturb
- Night service
- Call Hold
- Music on Hold
- Redial
- Reminder Call
- Speed Dial
- Voicemail

Shared Directory (DECT and Feature Phone)

PABX Capacity

2 PSTN lines
4 x Wired extensions
(Up to 4 fully featured Feature Phones)
Integrated DECT base station with support for 4 DECT handsets (GAP compliant)

Euro DECT

Wireless LAN Access Point

An 802.11b/g WiFi Access Point is provided.

Doorstrike relay contact
Max rating: 24 Volts DC, 2 Amps
Door intercom size
HxWxD: 203mm x 73mm x 38mm

Due to our policy of continuous improvement this specification is subject to change without notice.

Tellumat

Tellumat (Pty) Limited

Tel: 0861 NUMBER (686237)

Fax: +27 (0) 21 710-2977

E-mail: telecoms@tellumat.com

Web: www.tellumat.com

Authorised Distributor

