

Technical data – Free2move (F2M02) & Free2move Long(F2M02L)

Uplinks

WLAN (802.11a/b/g)	2.4/5.8 GHz
WCDMA (HSPA,FDD,TDD)	850/2100 MHz
CDMA (EV-DO)	850 MHz
VSAT	Ku-Band

Transmission capacities, can be enhanced utilising load sharing

WLAN (802.11a/b/g)	maximum 54 Mbps
WCDMA (HSPA, FDD,TDD)	maximum 21 Mbps
CDMA (EV-DO)	maximum 2.0 Mbps
VSAT	maximum 494 kbps

Traffic interfaces

Wireless 802.11a/b/g
10/100BASE-T
RS-232

RF output power (dBm)

20dBm (depending on antenna)

Power supply

11-56 V DC nominal

Power consumption

16W (Depending on modem configuration)

Memory

2GB of Disk up to 4GB

Operating System

Linux

Weights and dimensions (HxWxD)

F2M02: 30mm x 300mm x 150mm (1.5kg)
F2M02L: 30mm x 300mm x 190mm (1.6 kg)

Operational Conditions

-5°C to +60°C
Humidity range of 5% to 85% at 40°C
Vibration at 1G at 5 to 500Hz
Shock at 5G for minimum of 11ms
Dust and condensation resistant
No fans or cooling equipment

Input Devices

Wireless 802.11a/b/g
10/100 BASE-T (Ethernet)
RS-232

Security

Proprietary pppp (parallel ppp) with
cryptographically strong AES256 hash



Product Features

- Multi-network & multi-carrier redundancy
- Seamless handovers between alternative technologies
- Static IP or DHCP provision for all connected devices
- Dynamic network quality & congestion management
- Expanded coverage
- Simple to use
- Compact and robust
- “Future-proof” approach to utilising a constantly evolving technology
- Supports multiple users
- Data traffic management and segregation
- Network aggregation
- Interoperability between user groups sharing the same technology
- Advanced security to prevent unauthorised access
- Use of N-Type connectors rather than SMA to minimise loss