



# MVDDS CPE M100

## Customer End Series

### Features

The M100 is a compact high-speed MVDDS receiver. It receives an MVDDS signal via an L-Band LNB input, and provides over 50 Mbps of downstream Internet connectivity. Uplink connectivity can be provided by a wide variety of different technologies. Standard deployment is with an Ethernet-based uplink.

Management of the M100 is provided by a centralized server. The CPE automatically downloads its configuration information from the server. Provisioning can be fully automatic and performed in the field by the installation technician. Signal quality characteristics are automatically sent back to the management system every minute.

A full networking stack in the M100 allows its use for both single-IP consumer installations as well as routing for entire business networks.



### Models



- M100-S16 : Single tuner 16APSK
- M100-S16-W : Single tuner 16APSK with a WCDMA cellular modem
- M100-S16-LU : Single tuner 16APSK with a US 4G LTE cellular modem
- M100-S16-LE : Single tuner 16APSK with an EU 4G LTE cellular modem

### Specifications

- Routing Features: Full Linux routing stack, including tunnelling support
- Input frequency: 950 - 1450 MHz
- Modulations Supported: DVB-S: QPSK, DVB-S2: QPSK, 8PSK, 16APSK
- Network Interfaces: 100Base-T built-in, second 100Base-T via USB
- RF Input Connector: Female F- type, 75Ω
- Return Loss: > 10 dB
- Operating temperature: 0 °C to 50°C - Dim. HxDxW: 220x155x45mm
- Power Supply: 100 to 240 VAC external brick.

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