

ECHOSTAR MOBILE 4200 PORTABLE DATA TERMINAL

PRODUCT SHEET

Portable Satellite VoIP and IP Data Terminal with WLAN Access Point

The EchoStar Mobile 4200 Portable Data Terminal is IP-based and offers selectable Quality of Service (QoS) levels. Key features include quick deployment, an integrated flat-panel antenna, and audible and visual pointing aids—including an attached compass.

The data terminal is manufactured by Hughes, an EchoStar company.



Overview

The EchoStar Mobile 4200 Portable Data Terminal (EML 4200) provides EchoStar Mobile users in all EU member states—as well as Norway and Switzerland—with connectivity to VoIP and IP data services supported by GMR-1 3G. The EML 4200 is fully approved for operation on EchoStar Mobile's Mobile Satellite Services (MSS) platform and the EchoStar XXI S-band satellite, providing high-performance connectivity for users—including those in remote locations.

The EML 4200 allows for reliable and efficient communication for all users in all locations using a variety of IP data applications on their PC or smart device. The EML 4200 includes a built-in Wi-Fi access point for wireless data and voice support. Additionally, smartphones with VoIP clients can now utilize GMR-1 3G's efficient satellite telephony service for voice calls.

As a cost-effective, state-of-the-art mobile device, the EML 4200 is ideal for governments, public protection and security, remote healthcare and emergency facilities, utility companies, forestry services, and the oil and gas industry.



Connected Inputs

The EML 4200 has both Wi-Fi and Ethernet connectivity, enabling a user to connect multiple devices. Voice is provided through an RJ-11-wired POTS phone connection or a Wi-Fi/LAN-connected SIP phone client.

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Features

- Self-contained battery-operated unit with internal flat panel S-band satellite antenna
- Audio aid for antenna pointing, along with signal quality display and attached compass
- Simultaneous use of Ethernet and Wi-Fi for IP data
- Supports WPA and WPA-2 encryption over Wi-Fi
- Internal multilanguage Web user interface (WebUI) for configuration and control
 - WebUI is accessible via PCs and smartphones
- Supports NAT, NAPT, and DHCP
- Multiuser capability
- High-capacity battery
- Voice over IP:
 - Supports one POTS port
 - Supports SIP clients over Wi-Fi and LAN

Services

- Packet connections at data rates supported by GMR-1 3G
 - Physical-layer data rates: Up to 590 kbps forward and 256 kbps return
 - Multiple Quality of Service levels
- Bandwidth-efficient Voice over IP (VoIP)

In the Box

- EchoStar Mobile 4200 Portable Data Terminal
- AC/DC adapter
- Ethernet cable
- Quick Start Guide

Technical Specifications

Weight:	2 kg
Dimensions:	233 mm x 293 mm x 51 mm
Humidity:	95% RH at 40° C
Power (max):	57 W (when transmitting)
Water/Dust:	IP-54
Temperature:	-5° C to +40° C with battery -25° C to +55° C, excluding battery
Storage:	-40° C to +60° C with battery -40° C to +80° C, excluding battery
Battery Charging:	0 to 40° C
External Supply:	AC/DC adapter
Wind Loading:	40 km/h with stand secured
Vibration (non-op):	200 Hz–2 kHz @, 0.3 m2/s3
Other Features:	<ul style="list-style-type: none">• Rechargeable lithium-ion battery• SIM card slot• Mounting points• Compass



**For additional information,
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