



MT-384 Portable Satellite Terminal



Features and Capabilities

The MT-384 is a portable satellite terminal for high speed data transmission via the Thuraya satellite system. It consists of a 40x40 cm flat panel antenna and a transceiver unit. The transceiver unit is supplied in 19", 2U housing for integration in portable cases or racks. The key features and capabilities are:

- Transmit and receive data rates up to 384 kbps,
- Synchronous serial data interface and 3 Ethernet ports to connect application equipment,
- Connections to the international ISDN networks, the Internet or leased lines via the Thuraya satellite and the M2SAT gateway system,
- Terminal deployment within 5 minutes,
- Easy operation using the keypad and display at the transceiver unit or a PC/notebook with standard Web browser connected to one of the Ethernet ports,
- AC, DC and dual power supply options,
- Various types of weatherproof and ruggedised transport cases available as option.





Technical Data

Transmission Speeds

Transmit	up to 384 kBit/s (selectable in nx64 kBit/s steps)
Receive	up to 384 kBit/s (selectable in nx64 kBit/s steps)

RF Characteristics

Transmit Frequency Range	1626.0 – 1660.5 MHz
Receive Frequency Range	1524.5 – 1559.0 MHz
EIRP	5...15 dBW

Interfaces

Data	RS-530/RS-449 synchronous interface (DC-37 pin connector female) Adaptation to V.11, X.21, V.35 via optional interface cables Internal or external clock selectable
IP (LAN)	3 Ethernet Ports (RJ-45 sockets) Built-in IP-Router, DHCP- and Web server Up to 4 public IP addresses optional

Terminal Control

Local	Keypad with LCD display
Via Ethernet Port	Web browser

Power Supply

Voltage	100 – 240 V AC 50/60 Hz and 12 V DC or 24 V DC (to be specified with order)
Consumption	90 W max. in transmit mode, 60 W max. in standby mode

Environmental

Temperature range	Transceiver unit	0° to +50° C
	Antenna unit	-25° to +55° C
Humidity	0 to 90 % non-condensing	

Dimensions and Weight

Transceiver unit	19", 2U (depth 35 cm), approx. 6 kg
Antenna	40 x 40 cm flat panel, approx. 4 kg

Compliance

Radiation/Operation	EN 301426, EN 301681
EMC	CE

