

General Info

A complete mobile data-link solution:

MOST provides mobile terminals to establish a high bit-rate satellite data link. The terminals operate in Ku/Ka bands using services of GEO-Stationary satellites.

MOST is designed for land vehicles, sea vessels, and airborne platforms. It maintains unprecedented low profile and lightweight to ensure minimum downgrade to existing platform performance.

MOST main features

- Ku / Ka compatibility
- High bit-rate information transfer (uplink and downlink)
- Low profile, Lightweight, Ruggedized system

Specifications

Antenna

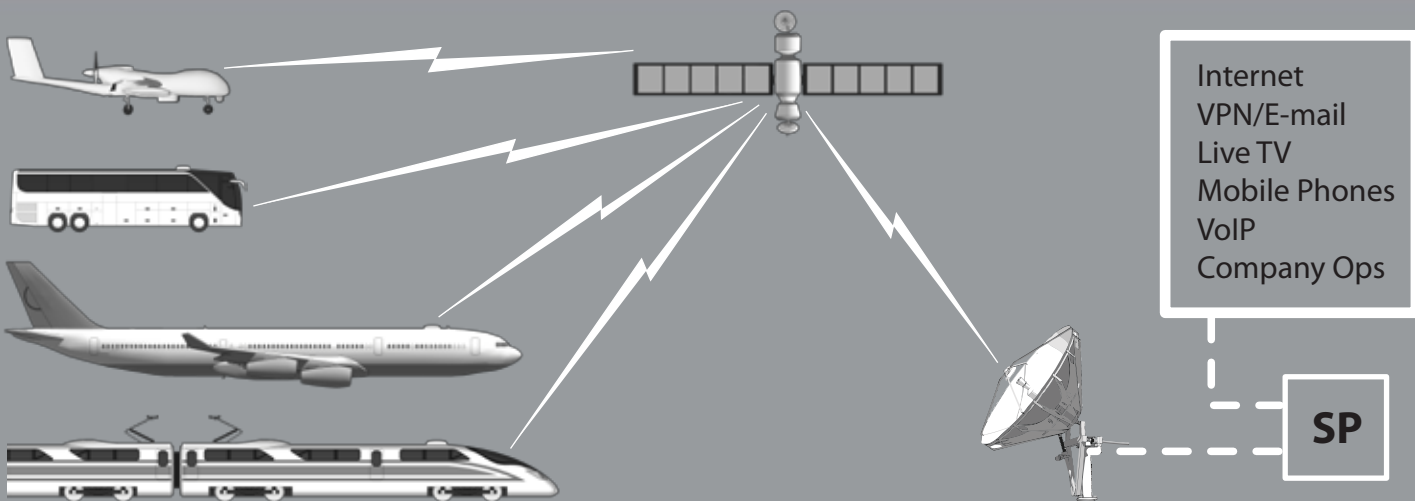
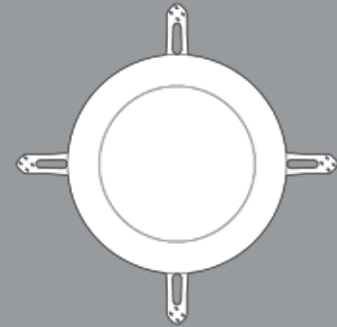
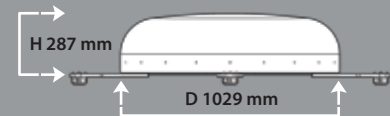
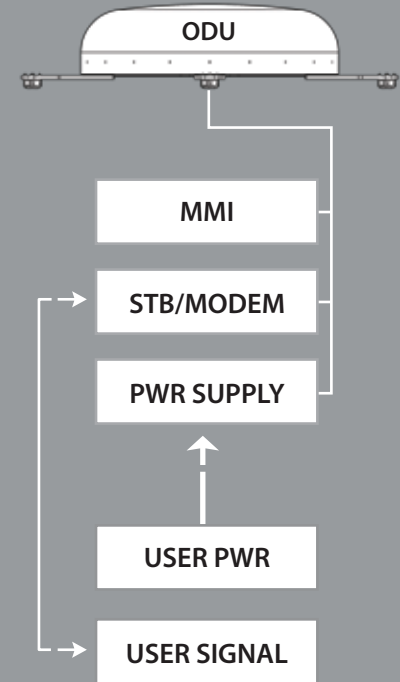
Frequency range Rx 10.95GHz - 12.75GHz
 Frequency range Tx 13.75GHz - 14.5GHz
 Uplink up to 2Mbps
 Downlink up to 8Mbps
 Antenna gain 30dBRx, 31dBTx
 G/T 8dBper deg. K
 Polarization linear, adjustable

Pedestal

Azimuth 360° continuous
 Elevation 20°-70°
 Polarization 180° continuous
 Angular velocity AZ= 60°/S, EL= 110°/S
 Angular acceleration AZ= 45°/S², EL= 45°/S²
 Tracking accuracy 0.4°

Assembly

Input power 12/28/48/72VDC
 Operating temperature -30°C to 55°C
 ODU Weight 28Kg
 ODU-IDU One cable connection



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Specifications subject to change without prior notice. Typical values shown.