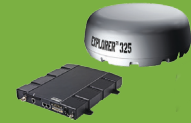


The Iridium® Advantage for Land Mobile



Thales MissionLINK™

Explorer 325 Powered by Inmarsat

Products and Services

IP Data, Background	Up to 352/352 kbps (Send/Receive) Upgradable to 704 kbps (Receive)	Up to 448/464 kbps (Send/Receive)
IP Data, Streaming	Up to 256 kbps*	Up to 128 kbps
Price Range	\$\$ – \$\$\$	\$\$ – \$\$\$
Terminal Size and Weight	23 w x 30 d x 7 h cm; 3.4 kg	23 w x 28 d x 4 h cm; 2.4 kg
Antenna Size and Weight	35 dia x 10 h cm; 2.8 kg	35 dia x 13 h cm; 3.6 kg
Hardware Features	Solid State Antenna (No Moving Parts)	Mechanical Directional Antenna
Certification	IP31 (Terminal), IP66 and Mil-STD-810G (Antenna)	IP31 (Terminal), IP56 (Antenna)

Ports

PBX	Supports 3 Concurrent Iridium Phone Lines	Supports 1 Inmarsat Phone Line
IP Handset	Rugged IP-67 Android Phone (Upgradeable)	Non-Rugged IP Handset
Analog Voice Ports	RJ-14 Supports 2 Phones	RJ-11 Supports 1 Phone
Ethernet	3 PoE RJ-45	2 PoE RJ-45
Power	Dual Power Options (10-32VDC & AC/DC Option)	10-32VDC Only
Wi-Fi Connection	Up to 3 Connections	Purchase Separately
WAN Failover	Build-in WAN Failover Routing	Purchase Separately
Radio Gateway	Yes, GP I/O	Purchase Separately

Network

Constellation	Low-Earth Orbit	Geostationary
Number of Satellites	66 (9 Spares)	4 (No Spares)
Constellation Network	Cross-Linked Seamless Global Network	Independent Satellites Operating Separately
Service Coverage	Truly Global	Global, but not Polar
Service Interruption	Short and Variable	Prolonged and Fixed
Contested Services	Frequency Reuse	1 Spot Beam to a User on the Ground
Voice Lines	3 Simultaneous Voice Lines	1 Voice Line
Remote Management	Remote Terminal Management + Built-In API	Remote Terminal


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 Satellite PTT, Voice & Data
 Equipment and Airtime



*Expected availability in 2019.