

Iridium CertusSM for Land

Reliable, mobile communications



THE CRITICAL COMMUNICATIONS COMPANY



For organizations operating in remote areas around the world, reliable, easy-to-use mobile connectivity is of the utmost importance. Iridium Certus for Land sets the new standard for remote communications and connectivity for enterprises, governments, and individuals that want to extend their use of mobile networks into remote areas without having to deploy ground-based infrastructure or expensive terminals.

Iridium CertusSM is a service platform powered by the Iridium® NEXT constellation. With comprehensive coverage and a range of speeds up to 1.4 Mbps, it delivers global, reliable, enterprise-grade services while redefining the capabilities of mobile satellite communications.

Iridium Certus is built for mobility, with the fastest L-band broadband coverage on the planet. With Iridium Certus, personnel and vehicles can keep in contact in remote areas without setting up complex network access. Iridium Certus will integrate with Internet, Cellular, Land Mobile Radio, and location-based applications, providing an ecosystem of industry-leading terminals and service solutions.

ONE PLATFORM, MANY CAPABILITIES

- Single platform for three high-definition, configurable voice lines, IP data speeds starting from 22 Kbps to 704 Kbps; eventual speeds will reach up to 1.4 Mbps
- Streaming IP service up to 256 Kbps, Short Burst Data service (SBD), prepaid services, and safety services
- Supports over-the-top smartphone applications for seamless messaging and push-to-talk services
- Multi-service connectivity for business operations, Internet of Things (IoT) applications, crew welfare and mobile operations
- Acts as an ideal emergency and back-up service
- Can complement land VSAT terminals as an emergency failover

ROBUST AND FLEXIBLE

- Redundant design: Iridium's network of 66 Low-Earth Orbit (LEO) satellites is a fully-meshed global canopy with high-speed cross-links designed to deliver uniform coverage and high-data speed from pole to pole
- Robust, lightweight and easy-to-install terminal without moving parts
- Omni-directional antenna that automatically connects with the closest Iridium satellite
- Specially designed, competitive price plans allow full flexibility to meet any usage requirements



IRIDIUM CERTUS LAND TERMINAL

MissionLINK™ by Thales gives your critical operation global communications coverage regardless of the landscape. MissionLINK comes with an intuitive, user-friendly interface and can be quickly integrated into existing vehicles. It also includes built-in upgradeability to extend the life of your investment and ensure peak speed and performance.

| MissionLINK | |
|-------------|--|
| Antenna | Size: 35.6 cm diameter x 10.2 cm height |
| | Weight: 3.2 kg |
| Terminal | Size: 30.5 cm x 22.9 cm x 7.6 cm |
| | Weight: 3.4 kg |
| Connectors | Front: RJ-45 LAN (3) Class 2 PoE |
| | RJ-45 WAN (1) for cellular connection |
| | RJ-14 POTS |
| | DC Power Input (10-32V) MIL-STD-1275D |
| | GPIO (RS-232, +12V out, DISTRESS, Radio Gateway, GPIO) |
| | TNC Connector, RF connection to Antenna |
| | Wi-Fi reverse SMA |

SPEEDCAST VALUE ADDED SERVICES

Speedcast has designed a range of services to optimize Iridium Certus connectivity. From monitoring connections and devices to technical support access, Speedcast offers customers fully-tailored solutions.

Speedcast IoT Solutions

Speedcast offers custom-fit IoT solutions that are technology-agnostic. With a broad portfolio of devices and networks across satellite, cellular and other shorter-range wireless technologies, we provide maximum flexibility and fit for complex customer requirements.

Cybersecurity

Speedcast Cybersecurity solutions combine the best of content filtering, lightweight synchronization designed for remotely connected sites, monitoring and reporting consoles, and distributed access to ensure customer sites operate safely and securely.



Catered for Service Providers

Simplify billing and service management with Speedcast's IBIS platform. It has everything you need to serve your satellite communication customers and more.

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