



Iridium Certus® 200

FACT SHEET

Reliable Broadband Connectivity Anywhere in the World

Iridium Certus® is an award-winning, multi-service platform enabled by the upgraded truly global Iridium® constellation. With upload and download speeds up to 176 Kbps, Iridium Certus 200 offers proven reliability and truly global coverage in smaller, lighter equipment than ever before.

The Iridium Network

The unique mesh architecture of the Iridium constellation provides inherent advantages in performance over other mobile satellite service providers:

- ▶ (66) cross-linked satellites with multiple overlapping spot beams deliver reliable communications anywhere in the world
- ▶ With satellites in constant orbit around the planet, Iridium's network offers truly global coverage regardless of location or terrain
- ▶ Iridium satellites operate in Low-Earth Orbit, which provides a shorter transmission path than GEO and MEO networks, and allows for lower latency and less signal attenuation
- ▶ Delivering connectivity through an L-band frequency, Iridium connections are resilient to adverse weather conditions

A New Constellation

Iridium completed a multi-year constellation upgrade in early 2019, replacing all its satellites, updating the supporting ground infrastructure, and enabling powerful Iridium Certus services. A leader in the satellite communications space, Iridium products and services are ideally suited for critical communications for individuals, companies, and governments around the world.

Same Proven Reliability in Smaller Equipment

The Iridium Certus 200 service offers Iridium's unique capabilities in small, cost-effective terminals. The Iridium Connected® solutions designed for this service class are ideal for remote communications and fleet management, business continuity, and connected ship applications. Whether you are responding to an emergency, providing humanitarian aid after disasters, or need to stay connected with loved ones while at sea, Iridium Certus 200 keeps you connected when and where it is needed most.

Partner Ecosystem

Through an expansive, value-added partner network, Iridium is advancing the way companies, governments, and individuals communicate every day. Iridium Certus manufacturers use our core technology to develop hundreds of innovative Iridium Connected solutions, and Iridium Certus Service Providers bring communications and connectivity through these solutions to users all around the world.

Key Advantages

- ▶ Three (3) Simultaneous High Quality Voice Lines
- ▶ IP Data Speeds Up to 176 Kbps Up / 176 Kbps Down
- ▶ Small, Powerful Terminals

Example Markets & Applications

Maritime	Land Mobile
<p>Markets</p> <ul style="list-style-type: none"> ▶ Commercial Fishing ▶ Coastal Shipping ▶ Workboat ▶ Leisure Boat <p>Applications</p> <ul style="list-style-type: none"> ▶ Email, Messaging & Web Browsing ▶ ECDIS Updates ▶ Regulatory Compliance: SSAS, LRIT, Citadel, VMS, e-Log ▶ Remote Diagnostics, Engine & Fuel Monitoring ▶ Hybrid Cellular / VSAT System ▶ Smartphone Access ▶ GMDSS* 	<p>Markets</p> <ul style="list-style-type: none"> ▶ Enterprise: Energy, Utilities, Mining ▶ Emergency & First Response ▶ Business Continuity ▶ Railway <p>Applications</p> <ul style="list-style-type: none"> ▶ Corporate Intranet Access ▶ Mobile App Connectivity ▶ Web Browsing & File Transfers ▶ VSAT Companion ▶ NGO Reporting & Compliance ▶ Environmental Monitoring ▶ Public Safety Application Access ▶ Positive Train Control
Aviation	Global Governments
<p>Markets</p> <ul style="list-style-type: none"> ▶ Business Aviation ▶ Commercial Aviation ▶ Rotorcraft & Fixed Wing Aircraft <p>Applications</p> <ul style="list-style-type: none"> ▶ Aircraft Systems Reporting ▶ Navigation Chart and Terrain Updates ▶ FOQA / MOQA ▶ HEMS / HUMS 	<p>Applications</p> <ul style="list-style-type: none"> ▶ Video ▶ Radar Tracks ▶ Sensor Payloads ▶ Encrypted Voice ▶ Mounted Mission Command Transport

Products



Thales MissionLINK™ 200
Land Mobile



Thales VesseLINK™ 200
Maritime

Lars Thrane LT-4200
Maritime
Coming Soon

Aviation Solutions
Coming Soon

*GMDSS upgrade capability is a future service.

Only One Communications Company Connects the Entire Globe

Iridium is a satellite communications company that offers voice and data connectivity anywhere in the world. Powered by a unique constellation of 66 cross-linked Low-Earth Orbit (LEO) satellites, the Iridium® network enables global connections between people, organizations, and assets, in real time. Through an expansive partner network of over 450 international technology companies, Iridium is advancing the way enterprises, governments, and individuals communicate every day.

www.iridium.com

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