



Satlink FB250+

Fast and dependable satellite communications at sea



The new Satlink communications terminal, Satlink FB250+, supplies your ship with simultaneous voice and data satellite services, providing quick and reliable communications with global coverage.

The Satlink FB250+ system is designed to meet the most demanding needs of communication on all types of boats. Its robustness and reliability will ensure the highest level of productivity and efficiency, which is so important at sea.

Satlink has applied its knowledge and experience in the fishing industry to develop a robust and reliable system that meets the current and future needs of your vessels communication.

The new Satlink FB250+ has been designed to be more durable and modern than its predecessor, complying with the new Inmarsat requirements of ATC (Ancillary Terrestrial Component) and Extended L-Band.

The Satlink FB250+ is perfect to cover the needs you may have on board; for the crew, professional and personal communications at an affordable price with a high quality product. Regardless of your profession, the Satlink FB250+ is the most profitable and reliable satellite communication system available to ensure your success in the current maritime industry.

BDU

Our cutting-edge technology makes the FB250+ a reliable, secure and robust system offering transmission speeds up to 284kbps for standard IP, up to 128kbps streaming IP, SMS, voice and 3.1KHz audio service.

HANDSET

The handset offers a faster, well designed interface that allows users to maximize their FB250+ experience, offering comfort and easy usability.

ADU

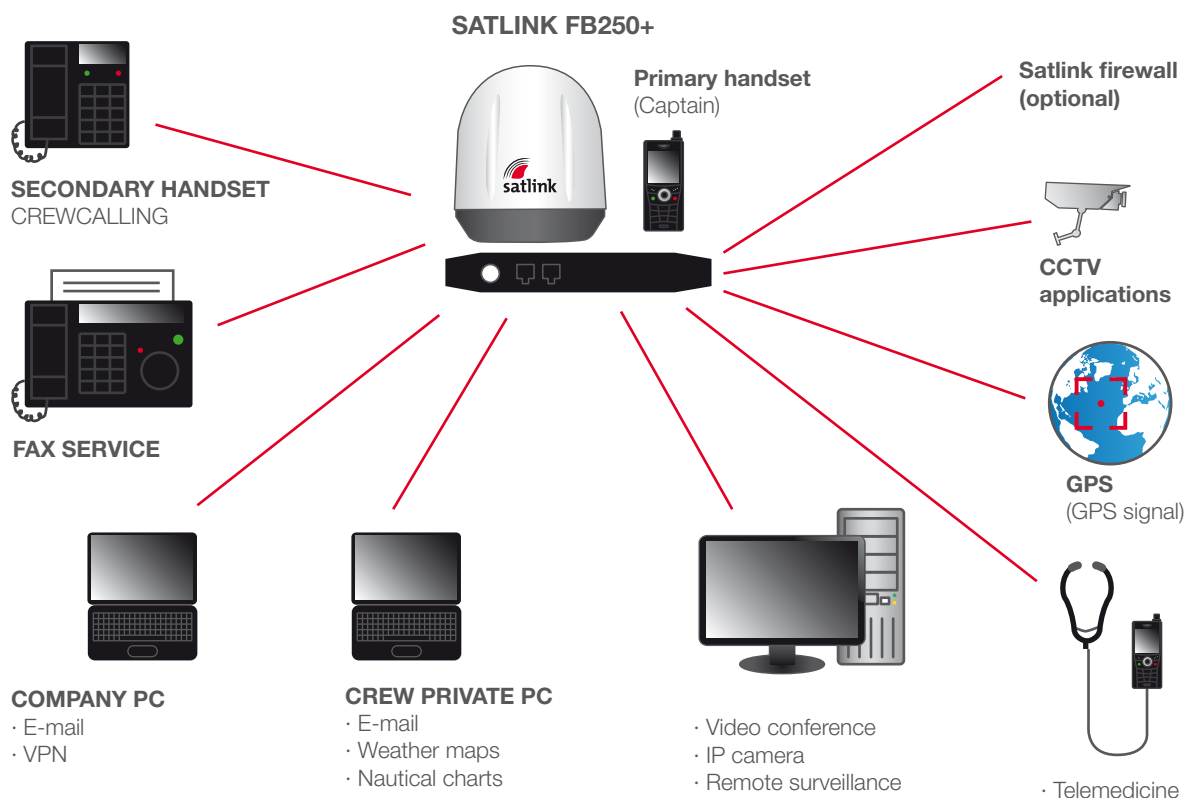
Light and compact antenna for an easier and quick installation. Its strong performance guarantees a stable and secure connection via satellite, even under the worst weather conditions and requiring little maintenance.



SATLINK FB250+



OPERATING DIAGRAM



TECHNICAL SPECIFICATIONS

FREQUENCY	
Transmitting	1626,5 MHz – 1660,5 MHz 1668,0 MHz – 1675,0 MHz
Receiving	1518,0 MHz – 1525,0 MHz 1525,0 MHz – 1559,0 MHz
COMMUNICATION SERVICES	
Voice	4 kbps, 3,1 kHz
Standard IP	284/284 kbps
Streaming IP	16,32,64,128 kbps
Fax	G3
SMS	Up to 160 characters
DIMENSIONS AND WEIGHT	
BDU	
Weight	3,9 kg
Dimensions	360 x 250 x 57 mm
HANDSET	
Weight	390 grams
Dimensions	142 x 56 x 22 mm
ANTENNA	
Weight	3,8 kg
Dimensions	277 x 319,5 mm
BDU	
Power supply	10,8-31,2 VDC
Storage Temperature	-30°C a +70°C
Optional Temperature	-25°C a +55°C
HANDSET	
Display	2 inch 220x176 pixel 65K color
ANTENNA	
Storage Temperature	-40°C a + 80°C
Optional Temperature	-25°C a + 55°C
Cable	22 meters of LMR400

INTERFACE BDU	
· On/off switch	· I/O connector for radio silence, external ringer, etc
· TNC Antenna connector	· 2 RJ 11 port
· GPS NMEA-0183 switch	· 2 RJ45 PoE port
· Primary handset switch	· 3 LED status mode
· Resettable circuit breaker	
ROUTER	
LAN/Ethernet	10 Base - T Ethernet Ports including 2 PoE
LAN/Standard	IEEE 802.3 10 Base - T Ethernet
LAN/Network protocols	TCP/IP, NAT, PAT, HTTP, DHCP Server, MAC
SHIP MOTION	
Roll	+/- 30°/4sg
Pitch	+/- 25°/3sg
Yaw	+/- 10°/5sg
Speed and turning rate	+/- 60°/sg; 50°/sg2
Headway	43.7 knots (for a maximum wind speed up to 119 km/h)

www.satlink.es

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