

# FleetBroadband

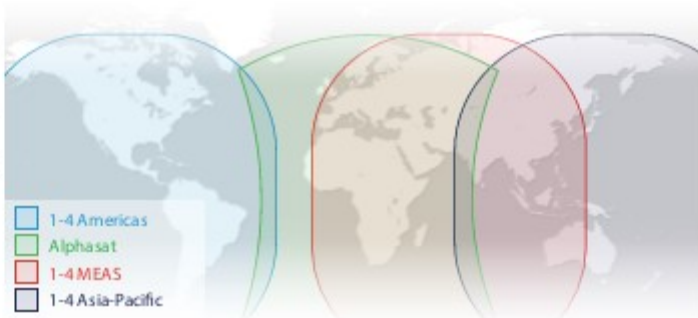
Model: FELCOM 251, FELCOM501



**Inmarsat fleet broadband  
data coverage anywhere at sea**

► Support the Inmarsat Fleet Xpress system

1. Standard IP  
Up to 432 kbps (FELCOM501)
2. Streaming IP  
Up to 256 kbps (FELCOM501)
3. Satellite voice
4. Enhanced voice services
5. Crew calling
6. GSM calls
7. SMS
8. Safety
9. Fax

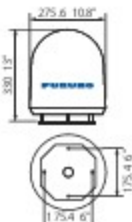


- Noise suppression function to improve the listening comfort in noisy environment
- Compact Communication Unit FB-2001 for easy installation
- High level of security settings (IP Filter, Firewall)
- Remote Maintenance available
- Ample connection interface for retrofitting with existing systems and components
- Conforms to the following standards: Inmarsat Fleetbroadband SDM, IEC 60945 (Ed.4), IEC 60529 (Ed.2)
- **Standard Equipment List:** Antenna Unit, Communication Unit, IP Handset. **Option:** Incoming Bell, Alarm Panel, Telexport Extender, USB-RS-232C Converter, AC/DC Power Supply Unit \*More information on [www.furuno.com](http://www.furuno.com)

Product name		INMAR SAT FLEETBR OAD BAND	
Model name	FELCOM251	FELCOM501	
<b>General</b>			
Transmitting frequency	1626.5 - 1660.5 MHz, 1666.0 - 1675.0 MHz		
Receiving frequency	1516.0 - 1529.0 MHz		
<b>Inter face</b>			
LAN	4 ports, ethernet 100Base-TX, RJ-45 (PoE)		
Analog Telephone/telex	2 ports, 4 ports with optional adapter		
USB	1 port, USB 2.0 (RS-232C conversion with optional adapter)		
Alarm output	1 port, Contact closure (normal close), External relay		
Sim card	1 Slot		
<b>Communication services</b>			
Voice	4 kbps AMBE+2 or ISDN 3.1 kHz audio		
Data	ISDN (U0/V0)	-	64 kbps
	Standard IP (Best effort)	MAX 264 kbps	MAX 432 kbps
	Streaming IP (Guaranteed rates)	32, 64, 128 kbps	32, 64, 128, 256 kbps
Short message	Up to 1120 characters		
Facsimile	Group 3 Facsimile via 3.1 kHz audio		
<b>Environmental conditions</b>			
Temperature	Antenna Unit	-25°C - +55°C (Storage: -40°C - +85°C)	
	Communication Unit	-25°C - +55°C	
Protection	Antenna Unit	IP56	
	Communication Unit	IP31	
Handset	IP56 (Grade: IP 22)		
<b>Power supply</b>			
Communication Unit	12-24 VDC, 1.4/5.5 A		
Power Supply Unit	100-240 VAC, 1 Phase, 50-60Hz		

### FELCOM251

Antenna Unit  
FB-1251 3.9 kg 8.6 lbs



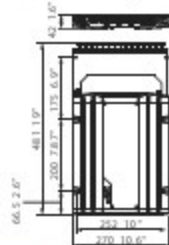
### FELCOM501

Antenna Unit  
FB-1501 23 kg 50.7 lbs



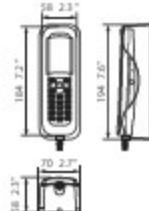
### FELCOM251/501

Communication Unit  
FB-2001 2.5 kg 5.5 lbs

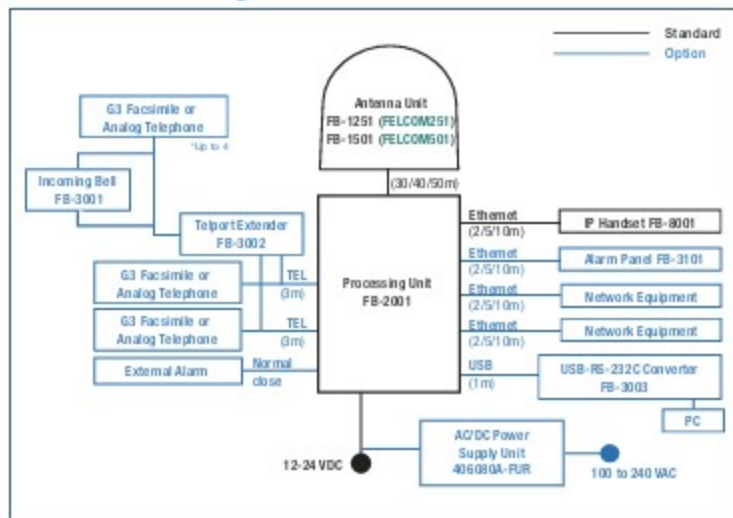


### Handset

FB-8001 0.63 kg 1.4 lbs



## Interconnection Diagram



Beware of similar products

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