

TECHNICAL SPECIFICATION



MAIN BOX

- Type : FR-190GM
- Link Margin : 10 dB (for mobility)

- Mechanical Dimension : 175 x 125 x 50 mm
- Weight : 400 g

- Power Operating Voltage : 12 - 18 Vdc
- Power Consumption : max. 500 mA - 18 Vdc
- Power Source : 12 - 24 Vdc / 110 - 240 Vac

- Line Interface Type : 2-wire
- Dialing : DTMF
- Connector : RJ-11 SMA type (female), imp. 50 Ohm

ANTENNA

- Dimension : 170 x 170 x 100 mm
- Weight : 400g
- Gain : 9 dB
- Frequency : ACeS L-band
- Beam width : 70° (+/- 35°)
- Connector : N type (female), imp. 50 Ohm

CABLE

- Length : 7.5 meters
- Type : RG-58 impedance 50 Ohm
- Connector to Mainbox : SMA type (male) imp. 50 Ohm
- Connector to Antenna : N type (male) imp. 50 Ohm

For further information please contact:

BYRU Customer Care & Sales Center
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*Sail to
Unlimited Waters...*

by PSN



BYRU Marine is an innovative mobile telecommunications solution provided by PT Pasifik Satelit Nusantara (PSN), designed as a flexible telecommunication equipment that would enable satellite telephony service to be forwarded to the forefront of the mobile marine industry.

Utilizing the ACeS (ASIA Cellular Satellite) system, a satellite based mobile telecommunications service, BYRU Marine provides the advantages of accessibility, mobility and simplicity for its users.



APPLICATION



BYRU Marine provides the advantages of accessibility, mobility and simplicity for its users. The purpose as a telecommunication equipment to the primary telecommunications system of small and large vessels. It is also suitable for installations in boats, yachts, ferries, tugboats and other marine vessels.

CONFIGURATION

- Main Box with a standard phone connector (RJ-11)
- Outdoor Antenna complete with coaxial cable
- DC Power Adaptor
- Telephone Set
- SIM Card BYRU Marine



FEATURES & BENEFITS

- No blank spot within the ACeS coverage
- Competitive flat tariff within Indonesia
- Instant activation in pre-paid scheme, convertible to post-paid
- Fast and easy installation
- Circuit Switched Data capability with 2.4 Kbps
- Dual function : Communication and Tracking*
- Standard supplementary services : Call forwarding, Call Waiting, Voicemail
- 24-hour Customer Care Support.

* Need subscription to activate and additional hardware.

COVERAGE AREA



The ACeS Network and Garuda-1 satellite technology give Asia-wide coverage. It allows you to communicate from your marine vessels (in ACeS coverage) to the entire world.

COMMUNICATION & TRACKING

BYRU Marine is an alternative telecommunication for marine industry. With a simple subscription registration and a special designed add-on GPS receiver, BYRU Marine is transformed into a dual function satellite telephone and tracking system, continuously updating near real time information of your vessel's location to a central database.

Included in the subscription is your personal access to BYRU Marine's web-based geographical information service from which you will be able to pin point your vessel's location anytime on a detailed map for the convenience of your home or office.



Supported by the ACeS network using Garuda-1 Satellite, BYRU Marine gives you not only nation wide but also Asia wide coverage, it allows you to communicate to the entire world from anywhere within the coverage area provided line of sight communications from your vessel to the satellite is available.