



# FT-602

## AIS RECEIVING BASE STATION



## Product Features

- ◉ Compatible A Class AIS and B class AIS system network operates using.
- ◉ Able to continuously and autonomously receive the dynamic and static information of surrounding AIS ships.
- ◉ Able to receive rescue information from AIS equipment including AIS-SART and AIS position indicator.
- ◉ The received AIS data information can be transmitted to the designated server through the network.
- ◉ It has four types of alarms: dry contact output transmission alarm, equipment failure alarm, power supply power alarm, antenna feeder standing wave alarm and four types of allarms.
- ◉ Support multiple IP link access methods.
- ◉ Transparent data forwarding, supporting ship voyage, voyage, crew ID card swiping and other data uploading and receiving.
- ◉ With self-fault monitoring, reporting, protection, isolation and other functions.



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## Technical Specification

Frequency Range	: 156.025MHz-162.025MHz
Default channel (2)	: AIS1: 161.975MHz AIS2: 162.025MHz
Frequency interval	: 25kHz
Standard way	: GMSK(16KOJ3E)
Powered by	: AC220V(±15%)
Operating temperature	: -20°C~+55°C
Feeder model	: SYV50-12
Feeder length	: 50M
Receiver electrical performance	: 50Ω
Receiving sensitivity	: -107dBm, PER<20%
Error at high input level	: -77dBm, PER <2%; -7dBm, PER<10%
Co-channel suppression	: >12dB ,PER<20%
Adjacent channel immunity	: >70dB ,PER<20%
Spurious response suppression	: ≥68dB
Intermodulation immunity	: >70dB ,PER<20%
Intermodulation response suppression	: >65dB,PER<20%
Block	: >84dB ,PER<20%
Spurious emission	: 9KHz~1GHz: <-57dBm, 1GHz~4GHz: <-47dBm

## Agent Information

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