

AIS Base Station Transponder

EyeCom-FASS (VDL6000-FASS)

EyeCom-Fass is a shore base station transponder that enables to receive location, data, and navigating information from vessel via AIS communication and provides duplication messaging service.



This product is the model which is supplied in Korea and Asian countries, This is equivalent model to VDL6000/FASS of CNS which is supplied in European countries, USA and Canada

● Features & Functions

- A function of 1:1 & 1:N message transmission/reception and selective transmission/reception
- a function of period change of message transmission/reception
- supports camp on function
- supports connected port for separated transceiver antenna
- a broadcasting function of DGNS correction signal

● Product Specifications

- Transmitter Spec.

- Output Power : 220AC/24V DC, max 2.5A
- Transmitter : 1 Transmitter
- Frequency : 136 ~ 174 MHz (Channel Separation : 12.5/25 KHz) (161.975/162.025 MHz)
- Communication Speed : 9600 bps
- Transmitter Output / Output : 12.5W
- Modulation : GMSK/FM

- Receiver Spec.

- Receiver : 2 set (2 AIS TDMA)
- Frequency : 136 ~ 174 MHz (channel separation : 12.5/25 KHz) (161.975/162.025 MHz)
- Sensitivity : > -107 dBm
- GPS reciever : 12 channel
- DGNS : Support

- General Spec.

- External input/output port : IEC61162-1/ATP (RS-485/422)
- DATA Format : IEC61993-2(NMEA-0183)
- Configuration port (RS-232) : ATP
- DGNS adjustment port (RS-232) : RTCM-SC-104
- Automatic or manual change for transmit frequency
- ANT access standards : N TYPE
VHF : N TYPE , GPS : TNC TYPE
- Support ASM 2.0

- Standards

- Chassis Standards : 420x175x360, Weight : 4.5 Kg
- VHF & GPS ANTENNA separate