

KODEN

New Product

Class-A AIS

KAT-100



Features

- *Meets IMO Standard MSC.74 (69) Annex 4*
- *Meets EU Marine Equipment Directive (MED)*
- *Meets FCC, USCG, IC, TC, CCNR (Inland AIS)*
- *High Accuracy & Reliability*
- *Password Protection*
- *Simple & Easy Installation*

KAT-100

New Product

Specifications

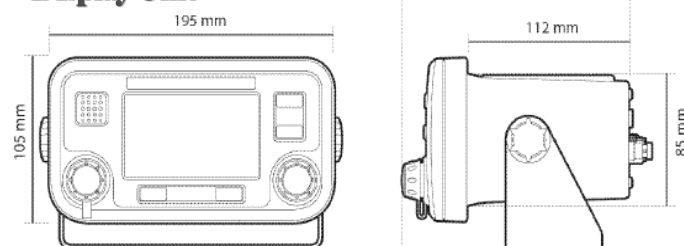
| Display Transceiver Unit | |
|--------------------------|------------------------------|
| Size & Type | 92 x 53mm Monochrome LCD |
| Resolution | 248 x 128 Pixels |
| TX / RX Frequency | 156.025 MHz to 162.025 MHz |
| Output Power | 1W or 12.5W |
| Impedance | 50 Ω |
| DSC Receiver | 156.525 MHz(CH70), 1,200 bps |
| Channel Bandwidth | 25 kHz |
| Interface Port | 7 Ports (IEC61162-1/2) |
| Power Supply | 10.8 to 31.2 VDC |
| Power Consumption | Less than 12W |

| GPS Receiver | |
|---------------------|-----------------------|
| Receiving Channels | 16 Channels |
| RX Frequency & Code | 1,575.42 MHz, L1 Band |
| Position Fixing | GPS + WAAS/EGNOS |

| Environment | |
|-----------------------|------------------------|
| Operation Temperature | -15 to +55°C, IEC60945 |
| Store Temperature | IEC60945 |
| Vibration Resistant | IEC60945 |

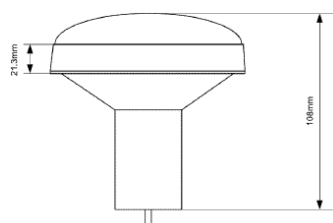
Dimensions & Weight

Display Unit



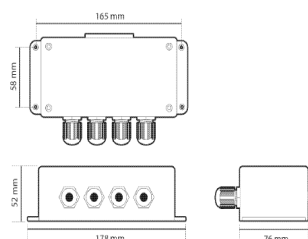
Weight : 1.50kgs

GPS Antenna Unit



Weight : 0.51kgs
(with 10m cable)

Junction Box

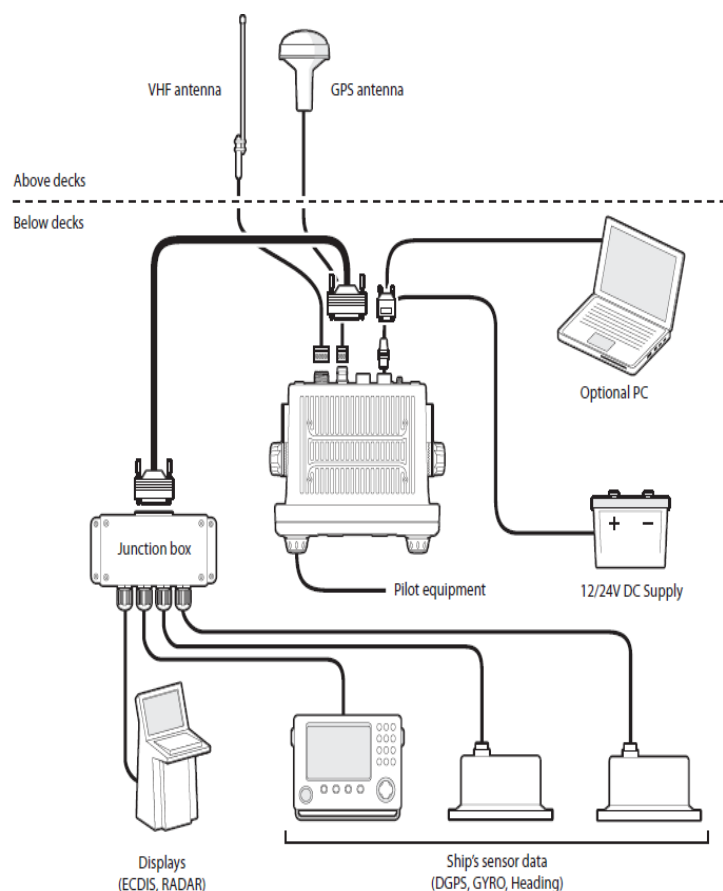


Weight : 0.35kgs

Standard Components

| Description | Code | Q'ty |
|--------------------------|-------------------------|------|
| Display Transceiver Unit | KAT-100 | 1 |
| Mounting Bracket | with Bracket Knobs | 1 |
| Junction Box | JB-16 | 1 |
| GPS Antenna | MA-700 with 10m Cable | 1 |
| Flush Mount Bracket | 304-0004 | 1 |
| Flush Mount Template | for Flush Mount Cutting | 1 |
| Fixing Screw Kit | for Bracket and JB-16 | 1 |
| Data Cable | CW-407 (1m) | 1 |
| Power Cable | CW-271 (2m) | 1 |
| Support Tools CD | | 1 |
| Quick Start Guide | English | 1 |
| Product Manual | English | 1 |

Typical AIS Connection Diagram



Features and specifications are subject to change without notice.