

Specifications

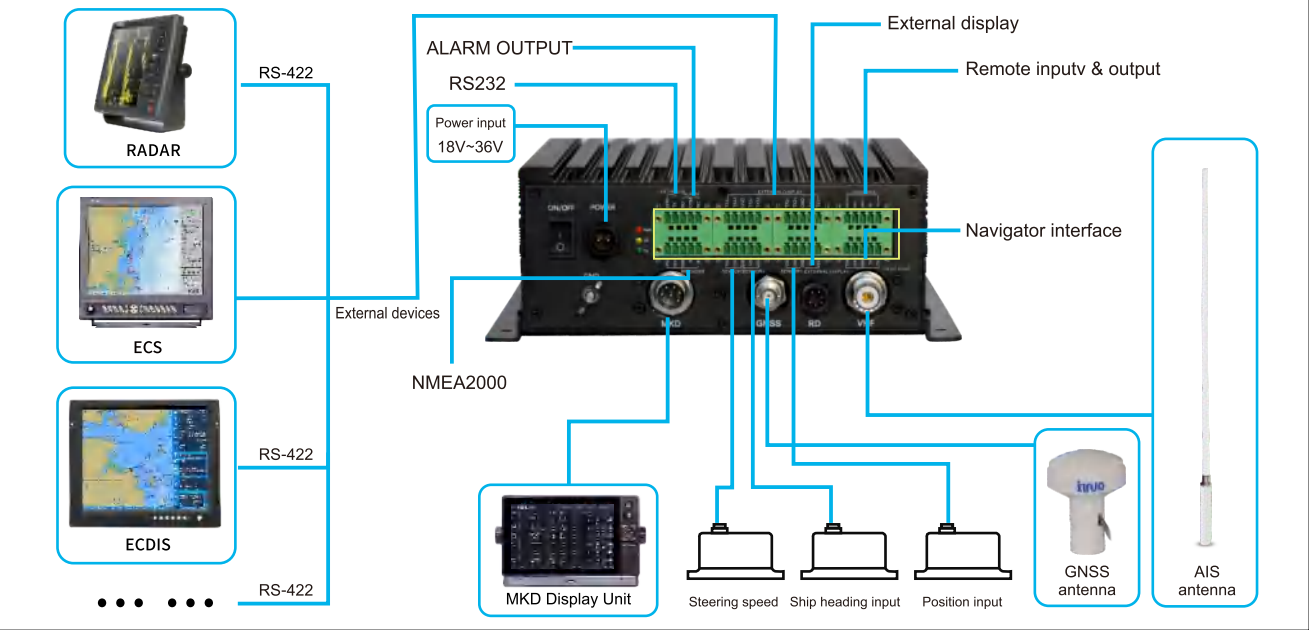
AIS Transponder Unit	XA-198
Frequency	156.025MHz ~ 162.025MHz
RX1(default)	AIS1(161.975MHz)
RX2(default)	AIS2(162.025MHz)
Output power	1W/12.5W
Modulation mode	GMSK/FM
AIS transmit channel	1
AIS receive channel	2(AIS1,AIS2)
DSC receiving channel	1
DSC receiver	CH70 (156.525 MHz)
Modulation rate	9600bps
Band width	25KHz
Host power supply	DC18V~36V

GNSS	
Receiver	72 channels
Receive frequency	GPS L1 1575.42MHz, BDS B1 1561.098MHz
Accuracy	GPS&BDS 2.5m(CEP50%,open sky)
	GPS 5m(CEP50%,open sky)
	BDS 5m(CEP50%,open sky)
	DGNSS 1m(CEP50%,open sky)
Speed accuracy	0.1m/s(50%@10m/s)
Time to First Fix	<32s(Cold Start),<1s(Hot Start)

Display Unit	XA-198 MKD
Screen type	Touch display
Screen size	10.1 inch
Resolution	1280*800
Screen brightness	800 cd/m² (Max)
Power source	DC10-36V
Language	Simplified Chinese, English, Spanish, etc
System	Intelligent operating system
Internal memory	2GB
FLASH	16GB
Micro TF card	Support FAT32,NTFS format 512GB high-speed Micro SD(TF) card
Liquid crystal viewing Angle	Full viewing Angle 85°
WiFi	802.11 b/g/n
Ethernet	100/1000Mbps
4G module	Support LTE CAT4/GSM/WCDMA
Bluetooth	BT4.0

Environment	
Operating temperature	-15°C ~ +55°C
Waterproof class	Monitor :IP65 Host :IP22
Standard	IMO MSC 74.(69); IMO A.694(17); IEC 61993-2; IEC 60945:2002/COR1:2008

Connection diagram



XINUO

Class A Shipborne Equipment of Automatic Identification System XA-198(10.1")



XINUO

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Class A Shipborne Equipment of Automatic Identification System

XA-198(10.1")



Shipborne Class A automatic identification system is composed of two parts: the main engine and the display control unit. The main engine is designed with pure aluminum shell, which is corrosion resistant and durable. The built-in Class A AIS module has perfect AIS function. Display control unit adopts intelligent touch screen operating system, touch screen operation is flexible and easy to use, the picture is clear and the performance is superior.

Product Features

- Built-in Class A AIS module, with complete AIS function.
- Intelligent alarm mechanism, accurate reminder may encounter information, to avoid outdated, invalid alarm.
- Can team management of ships, convenient supervision.
- Support BDS,GPS dual mode high-precision positioning.
- Intelligent operating system, touch screen operation is simple and convenient.
- Supports the display of charts such as S-57, S-63, CJ-63, and C-MAP.
- Support a variety of networking methods, can achieve online upgrade and other cloud services.

DGNSS

Support multiple positioning modes including GPS&BDS , GPS,BDS.

Support receiving DGNSS corrections from AIS base stations broadcasting or networked transport to achieve high-precision positioning.



Class A AIS Transponder

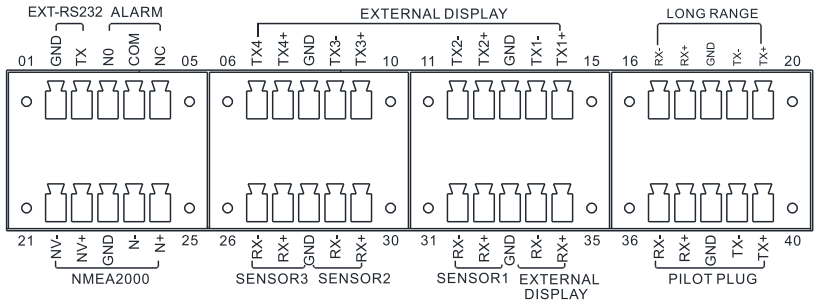
Built-in Class A AIS transponder, with perfect AIS function.

AIS informaton display has automatic avoidance function.

Support AIS ship group management, alarm when anchor disengagement and ship leaving.Ais radar images can visually display the distribution of surrounding ships.

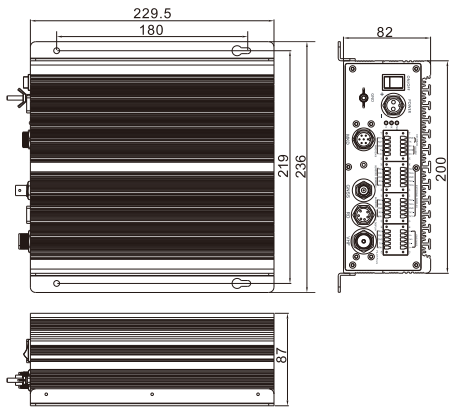


Port Interface

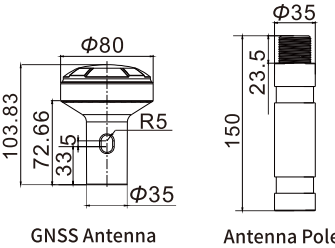


Installation Dimensions

AIS Transponder Unit



GNSS Antenna



XA-198 MKD

10.1" color LCD display,
1280*800 resolution



Counter Mounting

