

# GCJM-01 INTELLIGENCE REMOTE TRANSMISSION DISPLAY MODULE



## **HENAN GUANGCAI ELECTRIC CO., LTD**

**Add:** Sangqiang Industrial Park Taihang Rd.

Anyang Henan Province, China

**Tel:** +86-0372-3159500 (office)

+86-0372-3159512 (technical department)

**Fax:** +86-0372-3159506 (office)

+86-0372-3159511 (technical department)

**P.C.:** 455000

**E-mail:** [gcdesign@aygcship.com](mailto:gcdesign@aygcship.com)

**Http:** [//www.aygcship.com](http://www.aygcship.com)

**A. General:**

GCJM-01 intelligence remote transmission display module adopts touch screen control technique, large scale integration and touch screen panel, using Ethernet communication technology for data transmission. It may be extended to operation position according to marine automation's requirements, this product conform with relative specifications and standard requirements of CCS and overseas classification society, and has advantages as reliable performance, superior quality, convenient for installation, it can be widely used for binary safety alarm, analog liquid level graphic display and instrument parameters display. GCJM-01 intelligence extension module is flush-type mounting frame, suitable for different automated ship.

**B. Main parameter****1. Main parameter:**

- ①. Working Voltage: DC24V( $\pm 20\%$ -30%)1A;
- ②. Ambient Temperature:  $-10^{\circ}\text{C}\sim+55^{\circ}\text{C}$ ;
- ③. Relative Humidity:  $\leq\text{RH}95\%(+40^{\circ}\text{C})$ ;
- ④. Electro magnetic compatibility: the equipment comprises rigorous anti-jamming measures, and satisfies with relative specifications and requirements.
- ⑤. The equipment possesses measures as anti-vibration, moisture proof, anti-salt mist and anti-fungus.
- ⑥. Protection Grade: IP22

The product conforms with IEC-92-230 standard and " steel sea-going ship classification construction rules "which is current in our country, besides accords with SOLAS.

**2. Input Signal:**

Ethernet

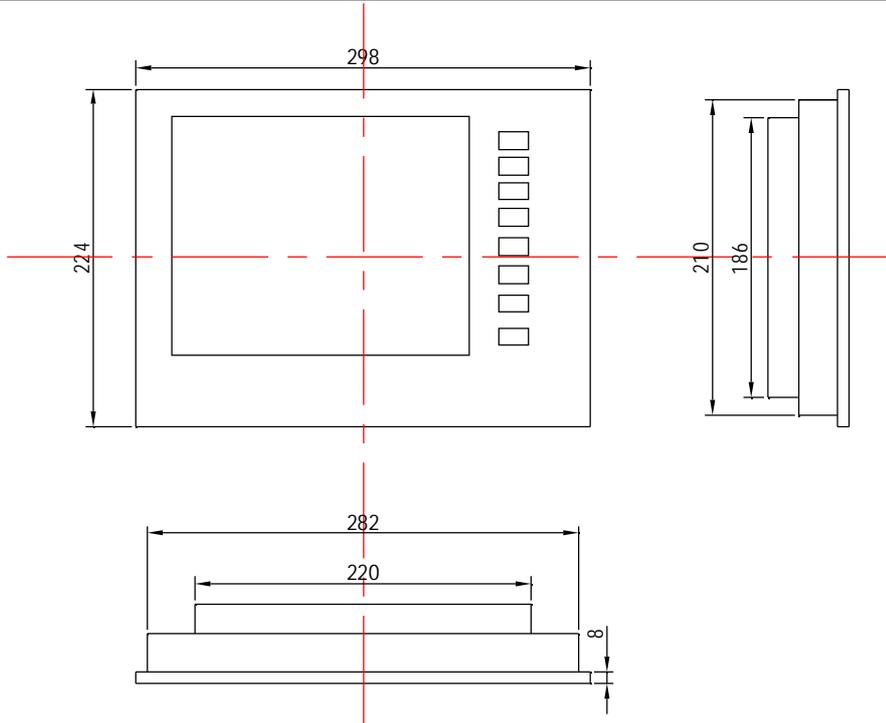
**3. Main function:**

- a. Local bus transmission;
- b. Having polychrome graphics display function;
- c. Having analogue instrument / histogram / routine list display function;
- d. Touch screen control;

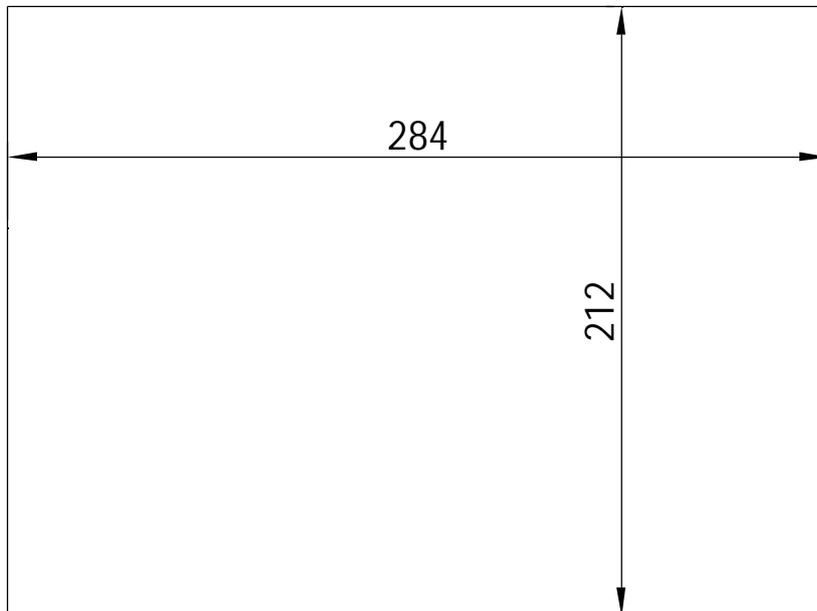
Graphic display, touch screen key-press operation, graphical interfaces may be customized according to customer's requirements, and are able to be extended to each cabin via bus, to realize safety alarm, liquid level graphic display and analog instrument remote transmission display.

**4. External and panel cut-out dimension drawing**

- ①. External dimension:



②. Installation dimension:



These documentations are compiled by technical department of Henan Guangcai Co.,Ltd

Compiler: Mayu  
Checker: Zhao Lijun  
Approver: Zhang Songlin