

A large, solid blue wavy graphic element positioned above the main title.

RADAR

HRD-RADAR 300 Fully automatic working radar



Complies with the following regulations:

IEC60945:2002 / COR12008

Chapter 6 of Chapter 5 of the Statutory Survey Rules for Ships and Offshore Installations - Technical Rules for Statutory

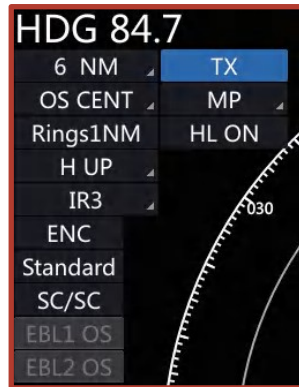
Survey of Handicraft Vessels (2019) of the Maritime Safety Administration of the People's Republic of China

Chapter 1 and 2 of the Technical Rules for the Statutory Survey of Domestic Marine Fishing Vessels (2019) of the Maritime Safety Administration of the People's Republic of China and its Amendment Circular

【Features】

- ▶ DIM Auto-Dimming
- ▶ Co-frequency rejection
- ▶ Target Tracking (Manual/Automatic, Target Capture & Tracking)
- ▶ Use the cursor to measure bearing, distance, and position
- ▶ Distance is measured with a fixed pitch ring/VRM (variable pitch collar).
- ▶ Measure the bearing with EBL (Electronic Azimuth Line).
- ▶ Auxiliary routes, parallel lines, and markers are displayed
- ▶ True Sport Mode
- ▶ Relative motion mode
- ▶ Self-diagnosis function
- ▶ Broadcast in language
- ▶ Use scene customization
- ▶ Vector and trail display
- ▶ Central alarm display
- ▶ IP camera access
- ▶ Integrated navigation information display
- ▶ ENC Nautical Charts/River Charts (optional function)
- ▶ Performance Monitor (Optional)

Newly launched



On-board all-in-one machine

RADAR

Convenient Radar For Inland Waterway Boats



【Dimensional Drawings】



【Antenna HLD-AT104】Weight: 5kg



【Antenna HLD-AT106】Weight: 7kg



【Antenna HLD-AT108】Weight: 9kg



【Transceiver Unit HLD-TU106 / TU110】Weight: 32kg



【On-board all-in-one machine HLD-HLD-MCS215】



【Main Control Unit HLD-HLD-MCS217】

Name	Specification	Length (mm)	Height (mm)	Depth (mm)	Weight (mm)
On-board all-in-one machine	HLD-MCS212	390	260	70	4.5
On-board all-in-one machine	HLD-MCS215	451	302	70	4.5
Main Control Unit	HLD-MCS217*	426	368	70	3.5
Main Control Unit *Equipped with hum	HLD-MCS219* an-machine interaction unit	462	378	70	3.5



【Human-machine Interaction Unit HLD-IU600 3kg】

HRD-RADAR 300

Standard

Antenna HLD-AT104/106/108

Transceiver Unit TU106/110

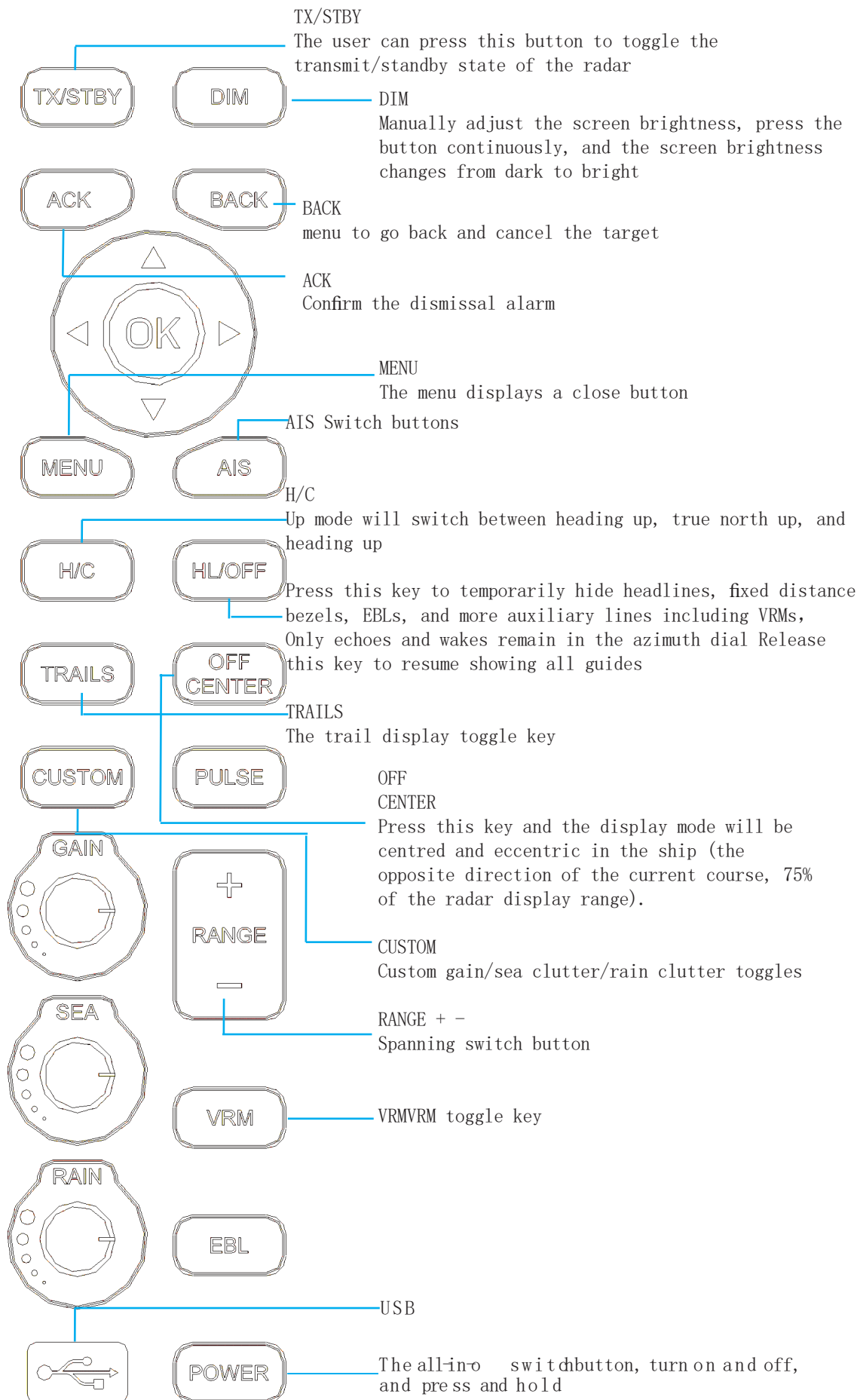
On-board all-in-one machine HLD-MCS212/215

HLD-MCS217/219 (Equipped with human-machine interaction unit)

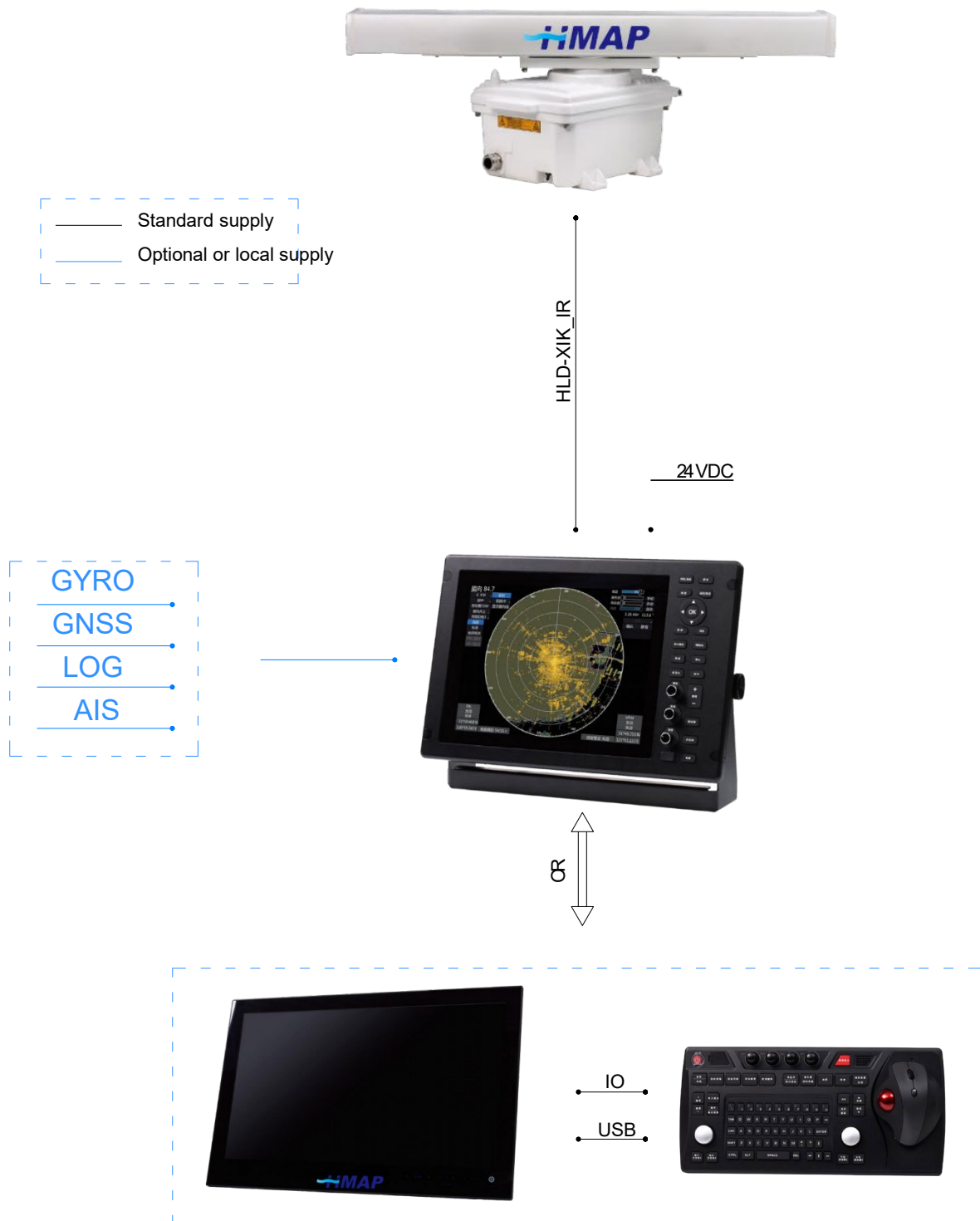
Optional

HMI Unit HLD-IU600

【Introduction to common functions】



【System Connection Diagram】



【Technical Specifications】

Frequency Band				
		HLD-AT104	HLD-AT106	HLD-AT108
Antenna Length		4ft	6ft	8ft
Peak Transmission Power		6kw/10kw/25KW		
Beam Width	Horizontal	2	1.3°	1.0°
	Vertical	24°		
Antenna Rotational Speed		24 转/分或 40 转/分		
Operating Frequency		9410 ± 30MHz		
Pulse Width & Reptition Frequency	Short	0.05 μ s/1800Hz or 3000Hz		
	Medium	0.25 μ s/1800Hz		
	Long	0.75 μ s/785Hz		
	Ultra long	1.2 μ s/500Hz		
Intermediate Frequency		60MHz		
Anti Clutter	Sea	Manual/Automatic		
	Rain	Manual/Automatic		
Gain Control		Manual		
Display Resolution (12.1 寸/15 寸)		1024*768		
Display Resolution (17 寸/19 寸)		1280*1024		
Display Mode	Motion	TM, RM		
	Heading	H Up, N Up, C Up, T Up		
Display Range		0.125-96 n m		
ARPA Target capture		Up to 60		
Auto Acquisition of Targets		Provided, 2 warning zones		
AIS Target Activity		Up to 60		
AIS ARPA Target associations		Provided		
Performance Monitor		Optional		
Chart radar function		Optional		