

# MARINE DGPS CHART PLOTTER

10.1" Touch Screen Multi-Function Display

# **FEATURES**



### **GNSS**

Using the ephemeris combined with histogram to show the GNSS satellite situation and signal strength. It supports GPS and BDS positioning system running together to improve the accuracy.



# **DIGITAL REPEATER DIAL**

The new digital repeater dial provides an easy to read and visualizable image for HDT, COG, SOG, BRG, RNG, Longitude, Latitude, XTE, ETA, DPT, TEMP, Wind and Date.

# MULTI CHART APP

Supports the chart format of C-MAP(Max), S57, S63, CJ57 CJ63







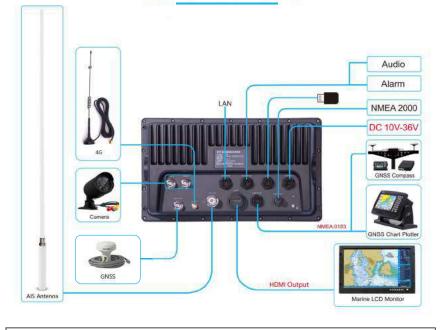
# M10 SPECIFICATION

Model		Serials
Operation System		Android 5.1 with OpenGL ES 3.0 & OpenCL 1.
CPU		Cortex-A17 Quad core
CPU Speed		1.8GHz 32 Bit
RAM		2GB DDR3 1333MHz
Flash Memory		16GB Flash Memory
Video Engine		Mali-T764
Keyboard		1 Knob Encoder and 9 Function Keys
Touch Panel		Capacitive Multi-touch Screen
Size		10.1 Inch
Brightness		800 cd/m² (Max)
Viewing Angle		Capacitive Multi-touch Screen
Resolution		1280 x 800
Power Voltage		DC 10V-36V
Power Consumption		14W or less (24 VDC)
Audio		1W
Micro SD Card Slot		Support Two 128G High Speed micro-SD Card
GNSS		
GNSS Receiver		32 channels
Receive Frequency		L1,1575.42MHz; B1,1561.098MHz
Accuracy	GPS&BDS	2.5m (CEP50% open sky)
	GPS	3m (CEP50% open sky)
	BDS	5m (CEP50% open sky)
Speed Accuracy		0.1m/s (50%@10m/s)
Time to First Fix		Cold Start: <32s  Hot Start: <1s
Coordinate Systems		WGS-84 (and others)

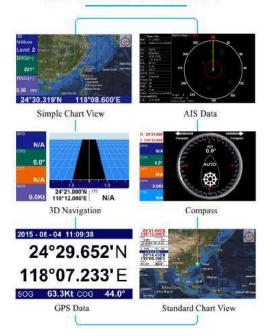
Model	Serials	
Bluetooth	BT4.0	
WiFi	802.11 b/g/n	
4G Module	LTE/WCDMA/GSM Internal/External Antenna Switch	
Camera	8 Million Pixels	
Lan Net work	1000Mbps	
Input	2 NMEA0183 Input, 1 NMEA0183 can be set as Input or Output, All are with Independent Baud rate. Video Input: 2 CVBS PAL/NTSC and 4 webcam	
Output	1 NMEA 0183 output; 1 NMEA0183 can be set as input or output. 1080P HDMI, support copy screen and extend screen.1 Audio output; 1 Alarm output .	
NMEA-2000	Support	
Operating Temperature	-15°C∼+55°C	
Standard	IEC-60945 , IEC-62287-1 , IEC-61108-1	

AIS Class B	
Frequency	156.025 ~ 162.025MHz
Bandwidth	25KHz
Modulation	GMSK/FM
Data Rate	9600bps
Number of AIS transmitter	1
Number of AIS Receiver	2 channels: Channel A CH87B(161.975MHz) Channel B CH88B(162.025MHz)
Transmitting Power	2W
Rx Sensitivity	< -107 dBm @ 20% PER

# SYSTEM CONNECTION



# SIX MODES OF DISPLAY



Represented by:

Specifications subject to change without notice



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