

# **Model V-120PMAX**



## **Featuring:**

12-inch full XGA daylight-viewing (1230 nits) LED-backlit TFT color LCD

**5** Screen PAGE mode are selectable: Full MAP screen, Full Fish Finder screen, MAP screen + Fish finder screen, Satellite monitor screen and Engine monitor display.

Chirp fish finder transceiver is built-in as standard model connecting with several kind of CHIRP transducers

(300W – 1000kW). Operating frequency is available 3 type of Low, Middle and High frequency range. Standard (Non-CHIRP type) transducer is also operating with AIRMAR, Echonautics and Radarsonics.

Touchscreen Full-control of V-120PMAX Menu selection, MAP zoom function, FF display and transducer Selection etc. Tap, Long tap, Pan for pinch in/out, rotate, swipe, two figure swipe, three fingers swipe control are available.

**D**igital rotary encoder is possible to easy and quickly selection of desired menu or MAP zoom in/out or fish finder range scale selection etc.

Customize function keys of F1, F2 and F3 are user defined shortcut customized by menu setting.

**D**atabox window customization is possible to select user favorite 6 combination databox from 31 selectable data menu, Fix position, Bearing, SOG, COG, Steering, TTG, Date and time etc.

AIS target overlay on MAP display and CPA alarm and TCPA alarm can be set to closest AIS target.

**M**ulti Language menu selection for English, Italian, French, Spanish, Greek, Croatian, Turkish, Japanese, Simplified Chinese, Traditional Chinese, Portuguese, Norwegian, Finnish

**W**ireless LAN facility make possible to connect Wi-Fi spot to control display screen using smart phone free application of "MIRROR CONTROL" and captaincloud.com. Optional RF remote controller is available for full control V-120PMAX from remote place.

Large capacity of Waypoints and Event mark for marking important point can be displayed and saved to user micro SD card



## **Specifications:**

Micro SD card type:

Display: 12" day-light viewing color LCD (1230 nits)

Display resolution: 1024 x 768 pixel (XGA)

GPS Receiver & Ant.: 72 CH GPS/GLONASS receiver with embedded antenna

Fix accuracy & update: 2m CEP, 10Hz update rate

Touch-screen: Capacitive type, multi-touch available for Map zoom function Chart format: C-MAP cartography compatible, MAX and 4D micro SD card

NAVIONICS cartography can be used from ver. 5.3.xR firmware installed SDHC 3.0, maximum capacity 32 GB (FAT32) for user micro SD card

Waypoint & Route 1,000 routes each having 50 Waypoints

Track point: 30,000 points Event mark: 30,000 points

Data Interface: NMEA2000x1, NMEA0183x2, External GPS antenna 6 pins port

Transducer Type: 300W~1kW CHIRP transducer Low/Middle/High Frequency type and standard 600W/1kW CHIRP Transducer List: AIRMAR B75L, B75M, B150M, B75H, P58, P66, P79, B45, B117, P319, B744V, B258, B260

CM260, B175L, SS175L, SS75L, SS75M, B785M, B175M, B285M, M135M, P75M, P95M,

Wireless LAN: Built-in Wi-Fi link is available to connect network for smart phone

Mirror control or remote Monitor Display

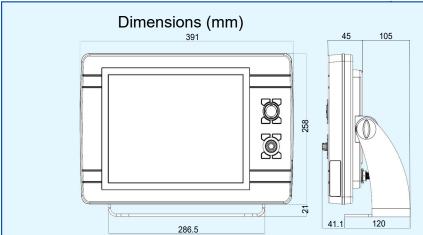
Waterproof: IPX6

Power requirement: 10-35 V DC, 32W

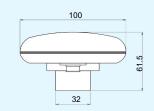
Weight: 3.3 kg with mounting bracket

Operating Temperature:  $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$ Storage temperature:  $-20^{\circ}\text{C} \sim +80^{\circ}\text{C}$ 

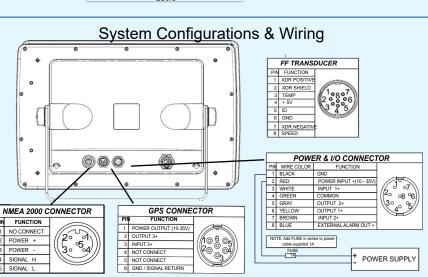
Note: Specifications are subject to change without notice or obligation.



#### Optional GNSS antenna



1"-14 Threads for Marine antenna pole



### Standard Equipment

(1 pc. Each, except as specified):

V-120PMAX Main Unit Operation Manual Power & IO cable Mounting Bracket

Mounting knob 2 pcs.

Panel mount template

Optional equipment M8-28 GPS/GLONASS smart antenna with 15m cable (GSG-M8) Transducer (CHIRP or standard type)



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