



Model V-120P MAX



Optional Smart Antenna
M8-28 GPS/Glonass



C-MAP or NAVIONICS micro-SD card can be used

Built-in GPS Antenna as standard

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-120P MAX 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.

Digital 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.

Databox 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.

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

Wireless 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-120P MAX from remote place.

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

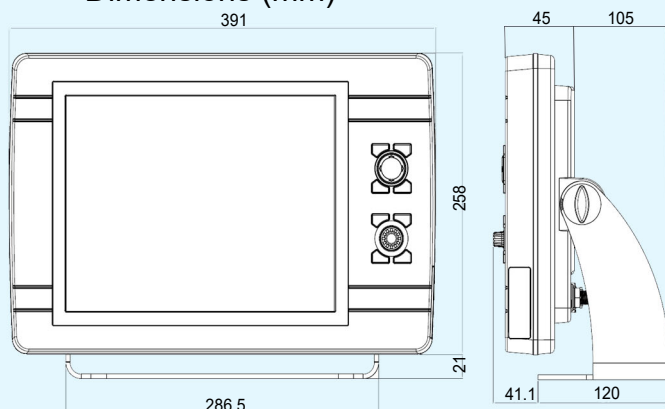
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Specifications:

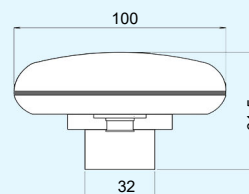
Display:	12" day-light viewing color LCD (1230 nits)
Display resolution:	1024 x 768 pixel (XGA)
GPS Receiver & Ant.:	72 CH GPS/GLONASS receiver with embedded antenna
Fix accuracy & update:	2m CEP, 10Hz update rate
Touch-screen:	Capacitive type, multi-touch available for Map zoom function
Chart format:	C-MAP cartography compatible, MAX and 4D micro SD card NAVIONICS cartography can be used from ver. 5.3.xR firmware installed
Micro SD card type:	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°C~ +60°C
Storage temperature:	-20°C~ +80°C

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

Dimensions (mm)

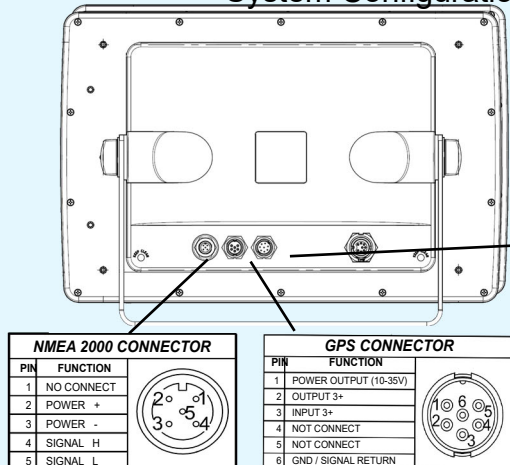


Optional GNSS antenna



1"-14 Threads for Marine antenna pole

System Configurations & Wiring



FF TRANSUDER	
PIN	FUNCTION
1	XDR POSITIVE
2	XDR SHIELD
3	TEMP
4	+5V
5	ID
6	GND
7	XDR NEGATIVE
8	SPEED

POWER & I/O CONNECTOR		
PIN	WIRE COLOR	FUNCTION
1	BLACK	GND
2	RED	POWER INPUT +(10 - 35V)
3	WHITE	INPUT 1+
4	GREEN	COMMON
5	GRAY	OUTPUT 2+
6	YELLOW	OUTPUT 1+
7	BROWN	INPUT 2+
8	BLUE	EXTERNAL ALARM OUT +

NOTE: Add FUSE in series to power cable supplied 1A

FUSE

1A

+

POWER SUPPLY

Standard Equipment

(1 pc. Each, except as specified):

V-120P MAX 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)