



Model V-3320P



Featuring:

Combined GPS track plotter and dual-frequency high-power commercial fish finder housed in electrostatically shielded compact, sturdy ABS cabinet for long-term reliable operation in severe marine environment

Display modes include dual simultaneous display across 10.4-inch SVGA LCD of track plotting screen and fish finding imagery, full screen display of either high or low frequency echogram and dual split screen display of high and low frequency echograms.

Each fish finder is equipped with all functions needed for professional fishing, including high-power transmitter, automatic selection of optimum transmit pulse width depending on range in use, automatic/manual TVG, automatic bottom tracking, bottom-locked or pelagic expansion, whiteline, echo threshold, echo dynamic range setting and A-scope.

Supplied with built-in precision map usually tailor-made by your dealer for your favorite area of operation, requiring no external chart cartridges

Permanent storage of waypoints, boundaries, routes and track points in internal non-volatile memory or external flash memory card* for reuse in subsequent operations or transfer to other plotters

Audible and visual alarms include anchor watch, arrival, boundary, cross-track error, depth, fish, GPS fix, power failure and proximity (with optional AIS receiver installed).

Devoted MOB key for protected storage of, and quick, straightline returning to, emergency position

Password protection to prevent unauthorized access to user-stored data

AIS information (e.g. MMSI, position/heading/speed) from optional built-in type receiver module or external receiver can be overlaid on plotter display with audible/visual alarm against other vessels approaching user-specified alarm zone.

Infrared wireless remote controller optionally available for easy access to keypad functions from convenient location away from the display cabinet

**compatible with standard type SD card.*

Model V-3320P

Specifications:

Screen: 10.4" TFT-LCD, SVGA (800 x600 pixel)
GPS Receiver: 18-channel parallel, 1575.42 MHz C/A code, GNSS, SBAS ready
Map Coverage: User-specified between 85 degs. n/s
Map Scale: 1/2,250-1/25,000,000 or 0.1-1,500 n.m.
Discrete Waypoints: 6,000/12,000 with/without name tags + 1 MOB point
Route Waypoints: 200, reversible
Boundary Points: 5,600 (7 colors X 800 points each)
Trackline Storage: 16,000 (time/distance)
Transducer: 50-200 kHz dual frequency
Transmit Power: Approx. 1 kW RMS (8 kW pk/pk)
Depth Ranges: 15 ranges, 2.5-1000 m/fth/br, 5-3000 ft
Audible & Visual Alarms: Anchor Watch, Arrival, Boundary, Cross-Track Error, Depth, Fish, Proximity*, Low Voltage, GPS Satellite Unlock

Interfaces: NMEA-0183, RS-422 (external AIS), MMC flash memory card slot
Cabinet Weight: approx. 4.5 kg/3.25 kg with/without mounting bracket
Power Requirements: 11 to 40 VDC, approx. 22W
Environment: IEC 60945-2002 (cabinet/protected category, GPS antenna/exposed category)

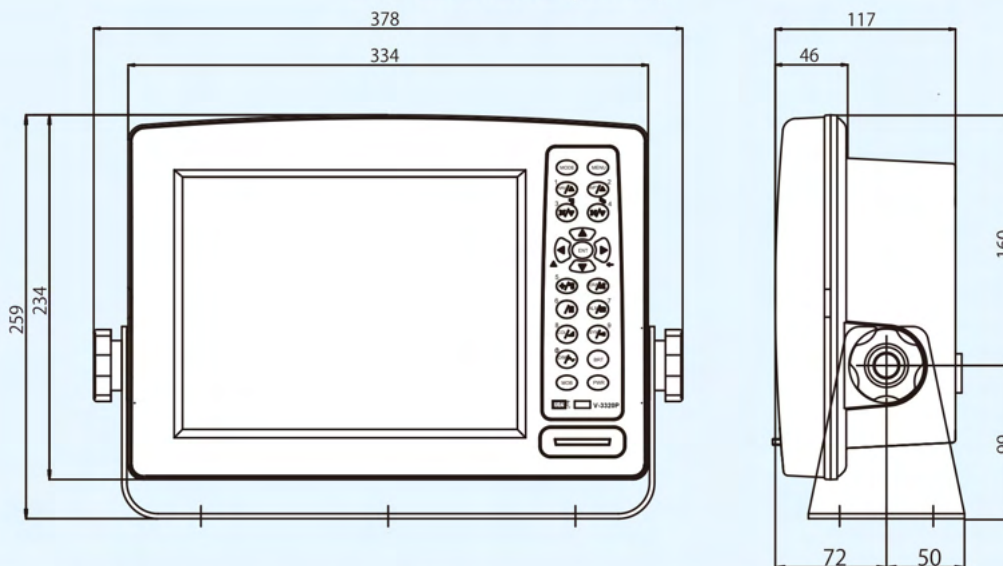
NOTE: Specifications are subject to change without notice or obligation.

Options:

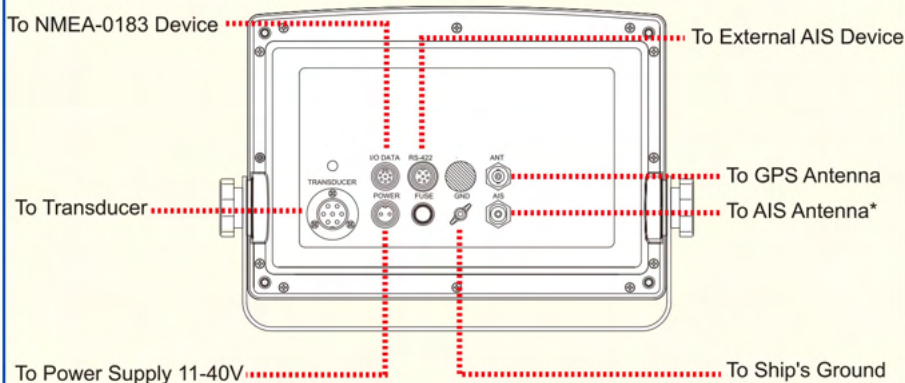
- AIS Receiver Module Kit AR-150 (built-in type)
- AIS Transponder (external type)
- AIS Antenna (optimized for AIS channels)
- Wireless Remote Controller (infrared type)

*Optional built-in type or external AIS receiver required

Dimensions (in mm)



System Configuration



**installed for model with built-in AIS module inside cabinet; not available for standard model*

Standard Equipment List

(Quantity supplied: 1 pc. except as specified):

- V-3320P Track Plotter/Fish Finder
- Dual Frequency Transducer with 15m cable
- GPS Antenna with 10m cable fitted with 1 coax plug
- Mounting Bracket
- Display Cabinet Clamping Knobs, 2 pcs.
- Power Supply Cable (2m, with 1X2-pin plug)
- Plugs: 7P (Transducer), 8P (I/O DATA), 6P (AIS)
- Fuses (6.4X30 mm): 5A/12V, 3A/24V, 2 pcs. each
- User's Manual