FURUNO

GPS/WAAS CHART PLOTTER with CHIRP FISH FINDER

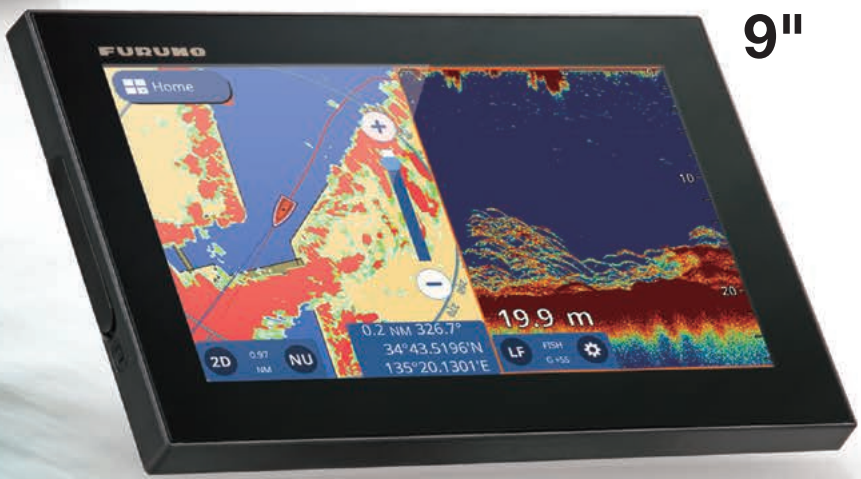
Model GP-1871F

Model GP-1971F

7"



9"

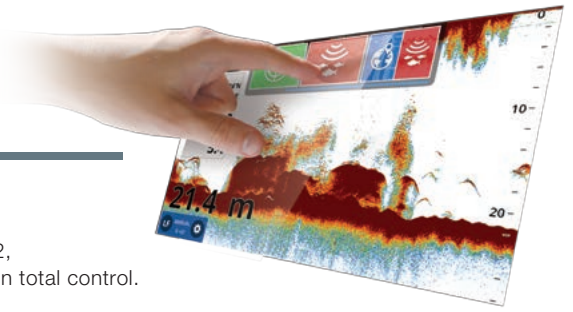


TruEcho CHIRP
RezBoost
BDS Bottom Discrimination Sounder
ACCU-FISH
MTC Multi Touch Control

CAN bus
GPS Internal Antenna
Enhanced Sunlight Viewable
AUTO

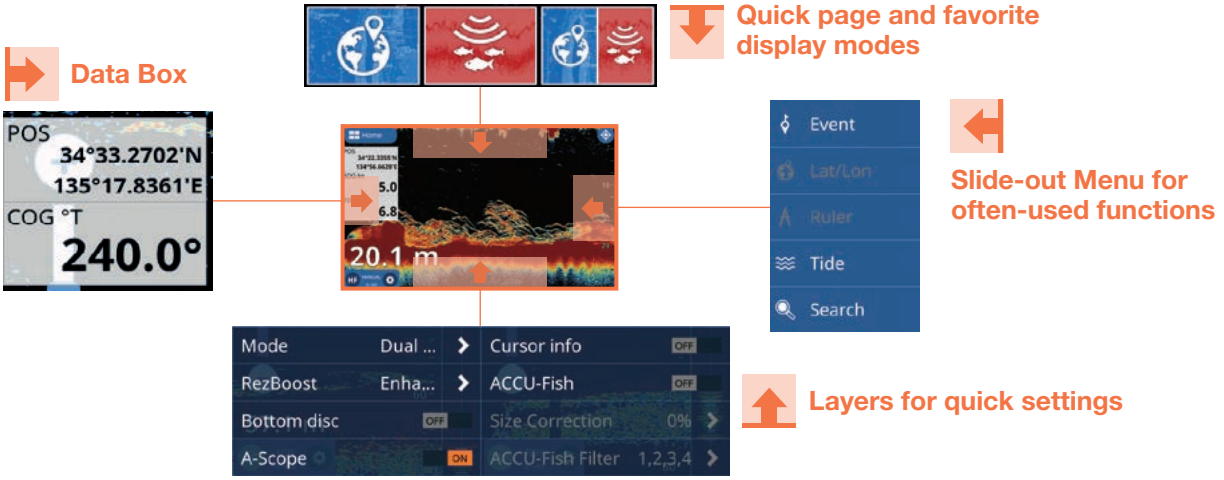
More details on
www.furuno.com

Multi-Touch Interface



Convenient and intuitive slide-out menus

The GP-1871F/1971F smart interface, inherited from the NavNet TZtouch2, features slide-out menus containing all the tools and data you need to be in total control.



Display modes customization

Customize your display modes and create the perfect combination to fit your individual needs.

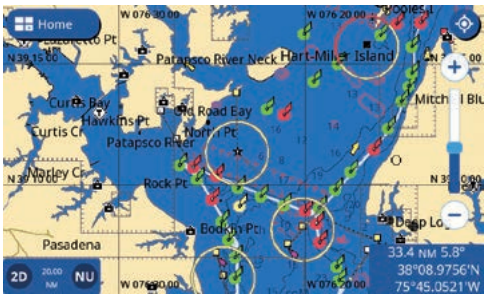
Easy screenshot!

Tap the display with two fingers to capture a screenshot that will be saved directly to your micro SD card.

Chart Plotter (with internal GPS antenna)

Detailed Chart with C-MAP 4D compatibility

By using the incredibly rich C-MAP 4D charts, the GP-1871F/1971F delivers highly precise data that features plenty of useful information, such as relief vectors, tidal streams and marine plans, considerably enhancing your navigational awareness.



C-MAP Chart data



Chart Plotter with instruments panels

Autopilot controls*



Chart Plotter with NAVpilot controls



Via the CAN bus network interface, The NAVpilot-300 and NAVpilot-711C can be connected to the GP-1871F and GP-1971F and controlled directly from the Chart Plotter.

*Coming soon

C-Map C-Weather

C-Weather data can be downloaded from C-map.com providing Wind, Wave, Weather, Humidity and Temperature information.

Plotter with AIS symbols

When connected to an AIS receiver, the GP-1871F/1971F will display the latest AIS data and provide vessel information.

Various display modes

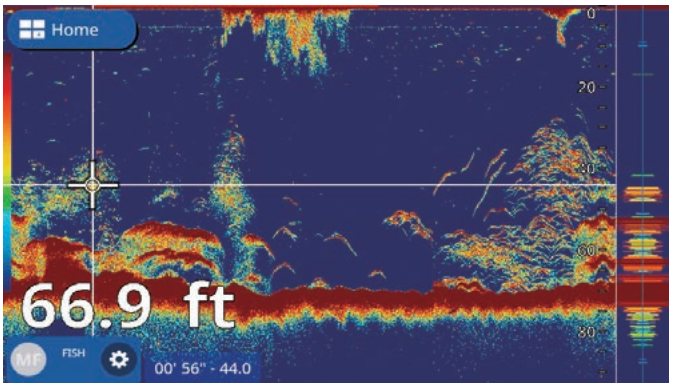
Including Shaded reliefs, 3D and Satellite views.

Built-in CHIRP Fish Finder

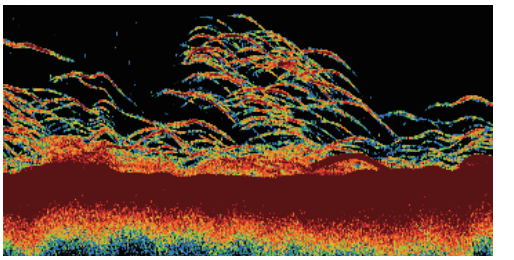
TruEcho CHIRP

Unmatched detail with TruEcho CHIRP™

*Requires connection to a CHIRP transducer



Fish echoes displayed with a CHIRP transducer



The high level of detail available with TruEcho CHIRP™ technology helps to distinguish fish schools, even when close to the sea bed.

Fish can be observed with a very high resolution and are displayed in a distinct boomerang shape. The clear presentation marks individual game fish and bait fish, even when tightly schooled together.

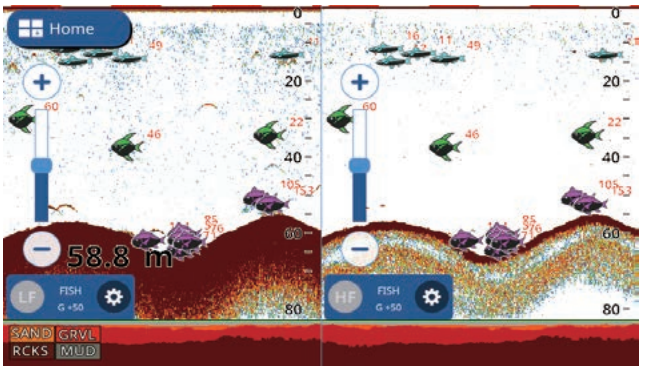
ACCU-FISH™ and Bottom Discrimination with RezBoost™

*Requires connection to a compatible CW Dual-Frequency transducer

With FURUNO's RezBoost™ data processing technology, fish schools and echoes are shown with high resolution while you can assess fish size and bottom composition thanks to ACCU-FISH™ and Bottom Discrimination functions.

Additionnaly, ACCU-FISH™ icons and colors can be freely customized according to the size and depth of the targeted fish.

RezBoost ACCU-FISH BDS Bottom Discrimination Sounder



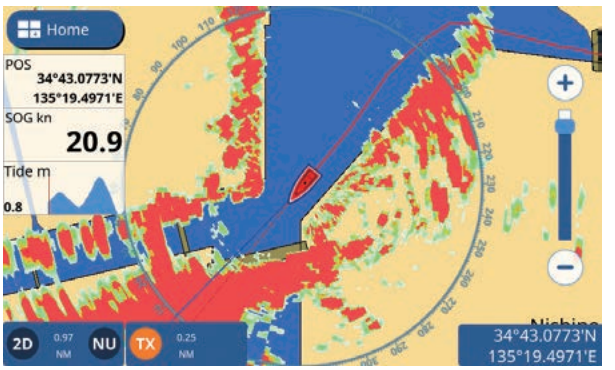
ACCU-FISH™ and Bottom Discrimination with RezBoost™

Wireless Radar Connection



DRS4W 1st Watch Wireless Radar

The GP-1871F and GP-1971F are connectable to the 1st Watch Wireless Radar (Output Power 4 kW) giving your Chart Plotter a major upgrade in accuracy and safety.



Radar overlay mode



Wireless connection Between DRS4W and GP-1871F and GP-1971F

SPECIFICATIONS OF Model GP-1871F/GP-1971F

GPS/WAAS

Receive Type GPS	72 channels
WAAS	1 channel
Receiving Frequency	L1(1575.42 MHz)
Time to First FIX	100 s approx. (cold start)
Tracking Velocity	999 kn
SBAS(Satellite-based Augmentation System)	WAAS, EGNOS, MSAS
Electronic Chart	C-MAP 4D

ACCURACY

Internal Antenna	GPS:10 m Max, WAAS: 5 m Max, MSAS: 7.5 m Max

DISPLAY

Type	GP-1871F: 7" Wide Color TFT LCD GP-1971F: 9" Wide Color TFT LCD
Screen Size	GP-1871F: 154 x 85 mm GP-1971F: 199 x 113 mm
Screen Resolution	WVGA 800 x 480 pixels
Screen Brightness	1000 cd/m^2 (typical)
Language	English (US & UK), French, Spanish, German, Italian, Portuguese, Danish, Swedish, Norwegian, Finnish, Greek, Japanese,
Display Modes	Chart Plotter, Fish Finder, Radar*1, AIS*2, Instruments*3 (Nav Data, Engine, Wind, Fuel tank, Autopilot*4, etc.), GPS status *1: Connection to the 1st Watch Wireless Radar DRS4W required *2: Connection to AIS sensor required *3: Connection to external sensors required *4: Connection to the FURUNO NAVpilot-300 or 700 series required
Memory Capacity	30,000 points for ship's track and waypoints 1,000 planned routes (Max. 50 points per route) 5,000 quickpoints

FISH FINDER

Frequency	CW: 50/200 kHz, CHIRP: 40 to 225 kHz
Transducer	300 W or 600 W or 1 kW (Transducer dependent)
Range	5-1,200 m, shift: 0-500 m
Modes	TrueEcho CHIRP™*, RezBoost™**, ACCU-FISH™**, Bottom Discrimination**, Auto gain (Fishing/Cruising), Manual gain, A-Scope, Marker Zoom, Bottom Zoom, Bottom Lock * CHIRP dedicated transducer required. ** Dual frequency CW compatible transducer required.
Picture Advance	8 steps: x4, x2, 1/1, 1/2, 1/4, 1/8, 1/16, stop

WIRELESS LAN

Frequency	2.4 to 2.472 GHz (1 to 13 channels), IEEE802.11b/g/n
Security	WAPI, IEEE802.11i advanced security

INTERFACE

NMEA0183*		1 Port
* Software version 2.0 or later		
Interface(NMEA0183)	Input	DBT, DPT, DSC, DSE, GGA, GLL, GNS, HDG, HDT, MTW, MWV, RMA, RMC, ROT, RSA, THS, TLL, VHW, VTG, ZDA, PFEC (GPatt/SDmrk/SDtbd/SDtfl/pireq)
	Output	AAM, APB, BOD, BWR, DBT, DPT, GGA, GLL, GNS, GSA, GSV, GTD, HDG, HDT, MTW, MWV, RMA, RMB, RMC, RTE, THS, TLL, VHW, VTG, WPL, XTE, ZDA, PFEC (SDmrk/SDtbd/SDtfl/pidat)
CAN bus		1 Port
Interface(CAN bus)	Input	126992, 127245, 127250, 127251, 127258, 127488, 127489, 127493, 127497, 127505, 128259, 128267, 128275, 129025, 129026, 129029, 129038, 129039, 129040, 129041, 129284, 129285, 129538, 129540, 129793, 129794, 129798, 129808, 129809, 129810, 130306, 130310, 130311, 130312, 130313, 130314, 130316, 130577, 130830, 130831, 130832, 130880
	Output	126992, 127245, 127250, 127251, 127257, 127258, 127505, 128259, 128267, 128275, 129025, 129026, 129029, 129033, 129283, 129284, 129285, 130306, 130310, 130312, 130316, 130830, 130831, 130832
Micro SD Card Slot		2 Slots, up to 32 GB (SD, SDHC Supported)

ENVIRONMENT

Temperature	-15°C to +55°C
Waterproofing	IP56

POWER SUPPLY

GP-1871F: 12-24 VDC, 1.0-0.5 A
GP-1971F: 12-24 VDC, 1.0-0.5 A

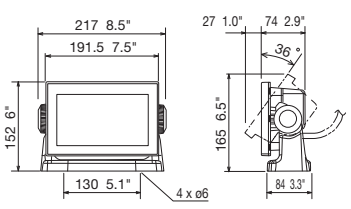
EQUIPMENT LIST

Standard
Display Unit (GP-1871F or GP-1971F)
Installation Materials and Spare Parts

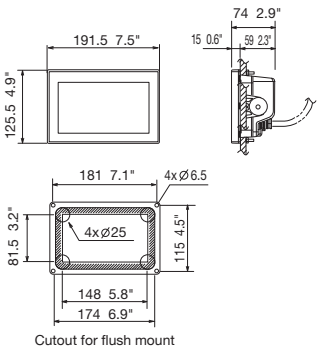
Option
Option list on www.furuno.com
Compatible transducers on www.furuno.com

GP-1871F Display Unit

(Bracket Mount) 1.1 kg 2.4 lb



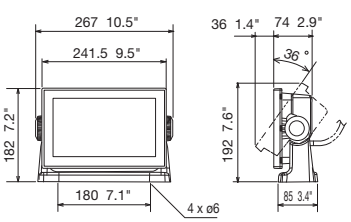
(Flush Mount) 0.9 kg 2.0 lb



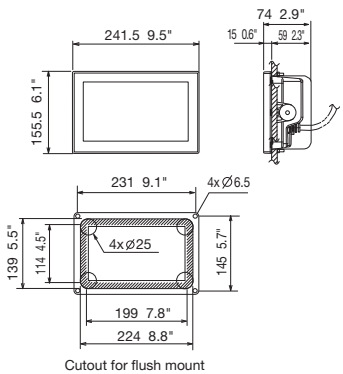
Cutout for flush mount

GP-1971F Display Unit

(Bracket Mount) 1.5 kg 3.3 lb



(Flush Mount) 1.3 kg 2.9 lb



Cutout for flush mount

Beware of similar products

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