

Product Specifications Garmin GPSMAP 8622

General

PHYSICAL DIMENSIONS	20.8" x 13.8" x 2.8" (52.8 cm x 35.1 cm x 7.1 cm)
DISPLAY SIZE	18.8" x 10.6"; 21.5" diagonal (47.8 x 27.0 cm; 54.6 cm diagonal)
DISPLAY RESOLUTION	1920 x 1080 pixels
DISPLAY TYPE	Touchscreen IPS display (anti-glare finish)
WEIGHT	15.63 lbs (7.09 kg)
WATER RATING	IPX7
MOUNTING OPTIONS	Flush or Flat
POWER CONSUMPTION	Max power usage at 10 Vdc: 59 W Typical current draw at 12 Vdc: 3.9 A Max current draw at 12 Vdc: 4.9 A
ANTENNA	External only
RECEIVER	10 Hz high-sensitivity
GARMIN MARINE NETWORK™ PORTS	4

Maps & Memory

PRELOADED MAPS	BlueChart® g3 (US and Western Canada coastal maps) and LakeVü g3 (inland maps)
ACCEPTS DATA CARDS	2 SD Cards (with Garmin SD card reader accessory)
WAYPOINTS	5,000
TRACK LOG	50,000 points; 50 saved tracks, with 5000 points each
ROUTES	100 (250 waypoints each)

Outdoor Recreation

TIDE TABLES	Yes
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Chartplotter Features

GARMIN RADAR COMPATIBLE	
GARMIN SONAR COMPATIBLE	Yes
GARMIN SMARTMODE COMPATIBLE (CUSTOMIZABLE MONITOR PRESETS)	Yes

SUPPORTS AIS (TRACKS TARGET SHIPS POSITION)	Yes
SUPPORTS DSC (DISPLAYS POSITION DATA FROM DSC-CAPABLE VHF RADIO)	Yes
GARMIN METEOR™ AUDIO SYSTEM COMPATIBLE	Yes
SUPPORTS FUSION-LINK™ COMPATIBLE RADIOS	Yes
GSD™ BLACK BOX SONAR SUPPORT	Yes
GCV™ BLACK BOX SONAR SUPPORT	Yes
ACTIVECAPTAIN COMPATIBLE	Yes
GRID™ (GARMIN REMOTE INPUT DEVICE) COMPATIBLE	Yes

Sonar Features & Specifications

DUAL-FREQUENCY (50/200 KHZ) SONAR CAPABLE	Yes (with external black box, sold separately)
DUAL-BEAM (77/200 KHZ) SONAR CAPABLE	Yes (with external black box, sold separately)
CHIRP SONAR TECHNOLOGY	Yes (with external black box, sold separately)
CLEARVÜ	Yes (with GCV™ black box, sold separately)
SIDEVÜ	Yes (with GCV™ black box, sold separately)

Connections

NMEA 2000® COMPATIBLE	Yes
NMEA 0183 INPUT PORTS	4
NMEA 0183 OUTPUT PORTS	2
VIDEO INPUT PORTS	1 - BNC composite 1 - HDMI (HDCP compliant)
VIDEO OUTPUT PORTS	1 - HDMI
WIRELESS CONNECTIVITY	Yes

Additional

ADDITIONAL	<p>Additional connections:</p> <ul style="list-style-type: none"> • NMEA 2000 port: 1 • USB port: 1 • J1939 port: 1 <p>HDMI and composite video inputs are encoded and shared across the Garmin Marine Network to other compatible chartplotters.</p>
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