

Garmin ECHOMAP Ultra 102sv, 106sv, 122sv & 126sv Specifications

	ECHOMAP Ultra 102sv	ECHOMAP Ultra 106sv	ECHOMAP Ultra 122sv	ECHOMAP Ultra 126sv
General				
PHYSICAL DIMENSIONS	11.6" x 7.7" x 3.9" (29.5 x 19.5 x 9.8 cm)	11.6" x 7.7" x 3.9" (29.5 x 19.5 x 9.8 cm)	13.4" x 9.0" x 3.9" (341 x 229 x 98 mm)	13.4" x 9.0" x 3.9" (341 x 229 x 98 mm)
DISPLAY SIZE	8.5" x 5.4"; 10" diagonal (21.7 cm x 13.6 cm; 25.4 cm diagonal)	8.5" x 5.4"; 10" diagonal (21.7 cm x 13.6 cm; 25.4 cm diagonal)	10.3" x 6.4"; 12.1" diagonal (26.1 cm x 16.3 cm; 30.7 cm diagonal)	10.3" x 6.4"; 12.1" diagonal (26.1 cm x 16.3 cm; 30.7 cm diagonal)
DISPLAY RESOLUTION	1280 x 800 pixels	1280 x 800 pixels	1280 x 800 pixels	1280 x 800 pixels
DISPLAY TYPE	WXGA display	WXGA display	WXGA display	WXGA display
WEIGHT	4.0 lbs (1.8 kg)	4.0 lbs (1.8 kg)	5.5 lbs (2.5 kg)	5.5 lbs (2.5 kg)
WATER RATING	IPX7	IPX7	IPX7	IPX7
POLARIZED SUPPORT	✓	✓	✓	✓
POWER CONSUMPTION	26 W	26 W	26 W	26 W
ANTENNA	Internal or external over NMEA 2000	Internal or external over NMEA 2000	Internal or external over NMEA 2000	Internal or external over NMEA 2000
MOUNTING OPTIONS	Bail or flush	Bail or flush	Bail or flush	Bail or flush
RECEIVER	10 Hz	10 Hz	10 Hz	10 Hz
GARMIN MARINE NETWORK™ PORTS	2 (large connector)	2 (large connector)	2 (large connector)	2 (large connector)
TRANSMIT POWER	600 W (RMS) / 4,000 W (peak to peak)	600 W (RMS) / 4,000 W (peak to peak)	600 W (RMS) / 4,000 W (peak to peak)	600 W (RMS) / 4,000 W (peak to peak)
Maps & Memory				
PRELOADED MAPS	worldwide basemap	BlueChart® g3 (U.S. and Western Canada coastal maps) and LakeVü g3 (inland maps)	worldwide basemap	BlueChart® g3 (U.S. and Western Canada coastal maps) and LakeVü g3 (inland maps)
ACCEPTS DATA CARDS	2 microSD™ cards	2 microSD™ cards	2 microSD™ cards	2 microSD™ cards
WAYPOINTS	5,000	5,000	5,000	5,000
TRACK LOG	50,000 points; 50 saved tracks	50,000 points; 50 saved tracks	50,000 points; 50 saved tracks	50,000 points; 50 saved tracks
ROUTES	100	100	100	100
Outdoor Recreation				
TIDE TABLES	✓	✓	✓	✓
Chartplotter Features				
GARMIN SONAR COMPATIBLE	✓	✓	✓	✓
SUPPORTS AIS (TRACKS TARGET SHIPS POSITION)	✓	✓	✓	✓
SUPPORTS DSC (DISPLAYS POSITION DATA FROM DSC-CAPABLE VHF RADIO)	✓	✓	✓	✓

SUPPORTS FUSION-LINK™ COMPATIBLE RADIOS	✓	✓	✓	✓
GCV™ BLACK BOX SONAR SUPPORT	✓	✓	✓	✓
ACTIVECAPTAIN COMPATIBLE	✓	✓	✓	✓
SAILING FEATURES	✓	✓	✓	✓
Sonar Features & Specifications				
DUAL-FREQUENCY (50/200 KHZ) SONAR CAPABLE	✓	✓	✓	✓
DUAL-BEAM (77/200 KHZ) SONAR CAPABLE	✓	✓	✓	✓
FREQUENCIES SUPPORTED	CHIRP High-Wide: 150-240 kHz	CHIRP High-Wide: 150-240 kHz	CHIRP High-Wide: 150-240 kHz	CHIRP High-Wide: 150-240 kHz
	Ultra High-definition ClearVü: 800 kHz (760-880 kHz)	Ultra High-definition ClearVü: 800 kHz (760-880 kHz)	Ultra High-definition ClearVü: 800 kHz (760-880 kHz)	Ultra High-definition ClearVü: 800 kHz (760-880 kHz)
	CHIRP ClearVü: 455 kHz (425-845 kHz)	CHIRP ClearVü: 455 kHz (425-845 kHz)	CHIRP ClearVü: 455 kHz (425-845 kHz)	CHIRP ClearVü: 455 kHz (425-845 kHz)
	Ultra High-definition SideVü: 1,200 kHz (1060-1170 kHz)	Ultra High-definition SideVü: 1,200 kHz (1060-1170 kHz)	Ultra High-definition SideVü: 1,200 kHz (1060-1170 kHz)	Ultra High-definition SideVü: 1,200 kHz (1060-1170 kHz)
CHIRP SONAR TECHNOLOGY	Yes (Built-in)	Yes (Built-in)	Yes (Built-in)	Yes (Built-in)
CLEARVÜ	Yes with CHIRP (built-in)	Yes with CHIRP (built-in)	Yes with CHIRP (built-in)	Yes with CHIRP (built-in)
SIDEVÜ	Yes with CHIRP (built-in)	Yes with CHIRP (built-in)	Yes with CHIRP (built-in)	Yes with CHIRP (built-in)
MAXIMUM DEPTH	2,300 ft @ 77 kHz, freshwater	2,300 ft @ 77 kHz, freshwater	2,300 ft @ 77 kHz, freshwater	2,300 ft @ 77 kHz, freshwater
	1,100 ft @ 77 kHz, saltwater	1,100 ft @ 77 kHz, saltwater	1,100 ft @ 77 kHz, saltwater	1,100 ft @ 77 kHz, saltwater
	(depth capacity is dependent on water bottom type and other water conditions)	(depth capacity is dependent on water bottom type and other water conditions)	(depth capacity is dependent on water bottom type and other water conditions)	(depth capacity is dependent on water bottom type and other water conditions)
BOTTOM LOCK (SHOWS RETURN FROM THE BOTTOM UP)	✓	✓	✓	✓
WATER TEMPERATURE LOG AND GRAPH	✓	✓	✓	✓
SONAR RECORDING	✓	✓	✓	✓
SONAR HISTORY REWIND	✓	✓	✓	✓
Connections				
NMEA 2000® COMPATIBLE	✓	✓	✓	✓
TRANSDUCER PIN NUMBERS	1 - LVS sonar, 1 - 12 pin scanning sonar	1 - LVS sonar, 1 - 12 pin scanning sonar	1 - LVS sonar, 1 - 12 pin scanning sonar	1 - LVS sonar, 1 - 12 pin scanning sonar
NMEA 0183 INPUT PORTS	1	1	1	1
NMEA 0183 OUTPUT PORTS	1	1	1	1
WIRELESS CONNECTIVITY	✓	✓	✓	✓