Garmin GPSMAP 743xsv, 943xsv and 1243xsv Specifications

	GPSMAP 743xsv	GPSMAP 943xsv	GPSMAP 1243xsv
General			
PHYSICAL DIMENSIONS	7.6" x 5.5" x 2.9" (19.2 x 14.0 x 7.4 cm)	9.2" x 6.4" x 3" (23.3 x 16.2 x 7.6 cm)	12.1" x 8.9" x 3.2" (30.8 x 22.8 x 8.2 cm)
DISPLAY SIZE	6.1" x 3.5"; 7.0" diagonal	7.8" x 4.4"; 9.0" diagonal	10.3" x 6.4"; 12.1" diagonal
	(15.4 x 9.1 cm; 17.8 cm diagonal)	(19.9 x 11.2 cm; 22.9 cm diagonal)	(26.2 x 16.3 cm; 30.7 cm diagonal)
DISPLAY RESOLUTION	1024 x 600 pixels	1280 x 720 pixels	1280 x 800 pixels
DISPLAY TYPE	WSVGA display	WXGA display	WXGA display
WEIGHT	2.8 lbs (1.3 kg)	3.6 lbs (1.6 kg)	6.6 lbs. (3.0 kg)
WATER RATING	IPX7	IPX7	IPX7
POLARIZED SUPPORT	✓	✓	✓
POWER CONSUMPTION	Max power usage at 10 Vdc: 17.6 W	Max power usage at 10 Vdc: 22 W	Max power usage at 10 Vdc: 26.5 W
	Typical current draw at 12 Vdc: 1.1 A	Typical current draw at 12 Vdc: 1.3 A	Typical current draw at 12 Vdc: 1.7 A
	Max current draw at 12 Vdc: 1.5 A	Max current draw at 12 Vdc: 1.8 A	Max current draw at 12 Vdc: 2.2 A
ANTENNA	Internal or external over NMEA 2000	Internal or external over NMEA 2000	Internal or external over NMEA 2000
MOUNTING OPTIONS	Bail, flush or flat	Bail, flush or flat	Bail or flush
RECEIVER	10 Hz high-sensitivity	10 Hz high-sensitivity	10 Hz high-sensitivity
GARMIN MARINE NETWORK™ PORTS	1	1	2
TRANSMIT POWER	1 kW traditional; 1 kW CHIRP	1 kW traditional; 1 kW CHIRP	1 kW traditional; 1 kW CHIRP
Maps & Memory			
PRELOADED MAPS	BlueChart® g3 (coastal maps) and LakeVü g3 (inland maps)	BlueChart® g3 (coastal maps) and LakeVü g3 (inland maps)	BlueChart® g3 (coastal maps) and LakeVü g3 (inland maps)
ACCEPTS DATA CARDS	2 microSD™ cards (back of unit)	2 microSD™ cards (back of unit)	2 microSD™ cards (back of unit)
WAYPOINTS	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
ROUTES	100	100	100
Outdoor Recreation			
TIDE TABLES	✓	✓	✓
Chartplotter Features			
GARMIN RADAR COMPATIBLE	✓	✓	✓

GARMIN SONAR COMPATIBLE	Yes (built-in)	Yes (built-in)	Yes (built-in)
GARMIN SMARTMODE COMPATIBLE (CUSTOMIZABLE MONITOR PRESETS)	✓	✓	✓
SUPPORTS AIS (TRACKS TARGET SHIPS POSITION)	✓	✓	✓
SUPPORTS DSC (DISPLAYS POSITION DATA FROM DSC-CAPABLE VHF RADIO)	✓	✓	✓
SUPPORTS FUSION-LINK™ COMPATIBLE RADIOS	✓	✓	✓
GSD™ BLACK BOX SONAR SUPPORT	✓	✓	✓
GCV™ BLACK BOX SONAR SUPPORT	✓	✓	✓
ACTIVECAPTAIN COMPATIBLE	✓	✓	✓
GRID™ (GARMIN REMOTE INPUT DEVICE) COMPATIBLE	✓	✓	✓
WIRELESS REMOTE COMPATIBLE	✓	✓	✓
SAILING FEATURES	✓	✓	✓

Sonar Features & Specifications

DUAL-FREQUENCY (50/200 KHZ) SONAR CAPABLE	✓	✓	✓
DUAL-BEAM (77/200 KHZ) SONAR CAPABLE	✓	✓	✓
FREQUENCIES SUPPORTED	Traditional: 50/77/83/200 kHz CHIRP (low, medium, high) ClearVü (260/455/800 kHz) (dependent on transducer)	Traditional: 50/77/83/200 kHz CHIRP (low, medium, high) ClearVü (260/455/800 kHz) (dependent on transducer)	Traditional: 50/77/83/200 kHz CHIRP (low, medium, high) ClearVü (260/455/800 kHz) (dependent on transducer)
CHIRP SONAR TECHNOLOGY	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)
SIDEVÜ	Yes with CHIRP (built-in)	Yes with CHIRP (built-in)	Yes with CHIRP (built-in)
MAXIMUM DEPTH	5,000 ft at 1kW (depth capacity is dependent on water bottom type and other water conditions)	5,000 ft at 1kW (depth capacity is dependent on water bottom type and other water conditions)	5,000 ft at 1kW (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	12-pin (orange)	12-pin (orange)	12-pin (orange)
NMEA 0183 INPUT PORTS	1 (Differential)	1 (Differential)	1
NMEA 0183 OUTPUT PORTS	1 (Differential)	1 (Differential)	1
VIDEO INPUT PORTS	1 BNC	1 BNC	1 BNC
VIDEO OUTPUT PORTS	x	x	1 HDMI
WIRELESS CONNECTIVITY	✓	✓	✓
J1939 COMPATIBLE	✓	✓	✓