



Livorsi Marine, Inc. [www.livorsi.com](http://www.livorsi.com)

# GARMIN & Gateways



# TOUCHSCREEN DISPLAYS

## GPSMAP® 720S



GPSMAP® 720S		\$899.00
Part Number	GPSMAP720S	
<ul style="list-style-type: none"> <li>• Preloaded with a worldwide basemap</li> <li>• 7-inch touchscreen</li> <li>• Compatible with Garmin marine radar systems</li> <li>• Full NMEA 2000® connectivity</li> <li>• Built in GPS antenna</li> </ul>		

## GPSMAP® 740



GPSMAP® 740		\$999.00
Part Number	GPSMAP740	
<ul style="list-style-type: none"> <li>• Stand-alone chartplotter/sonar</li> <li>• 7-inch touchscreen</li> <li>• 740 is preloaded with U.S. coastal maps</li> <li>• Accepts additional map data</li> <li>• Accepts radar input</li> <li>• Full NMEA 2000® connectivity</li> <li>• With built-in radar port and "plug-and-play installation"</li> <li>• Compatible with Garmin GMR marine radar systems</li> </ul>		

GPSMAP® 740S		\$1099.00
Part Number	GPSMAP740S	
<ul style="list-style-type: none"> <li>• Stand-alone chartplotter/sonar</li> <li>• 7-inch touchscreen</li> <li>• 740s is preloaded with a worldwide basemap</li> <li>• Accepts additional map data</li> <li>• Full NMEA 2000® connectivity</li> <li>• With built-in radar port and "plug-and-play installation"</li> <li>• Compatible with Garmin marine radar systems</li> <li>• Sonar with 1kW transducer defines fish targets and underwater structures</li> <li>• Transducer optional, see page 3</li> <li>• 2 microSD card slots</li> </ul>		

Optional Bezel for 740/740S \$154.00

bezel      GPSB704 + color

### GPSMAP® 720, 740, 740S

Unit Dimensions	9.0" W x 5.6" H x 2.4" D
Display Size	6.0" x 3.6", 7.0" diagonal
Display Resolution	800 x 480 pixels
Antenna	internal

#### Colors:



# TOUCHSCREEN DISPLAYS

GPSMAP® 721		\$1299.00
Part Number	GPSMAP721	
<ul style="list-style-type: none"> <li>• 7" WVGA touchscreen display with pinch-to-zoom</li> <li>• 10Hz GPS/GLONASS receiver</li> <li>• NMEA 2000® and wireless connectivity</li> <li>• Worldwide base map</li> <li>• 5,000 user-created waypoints</li> <li>• Autopilot capable</li> <li>• Radar input</li> <li>• Bluetooth® wireless technology</li> </ul>		

GPSMAP® 721xs		\$1399.00
Part Number	GPSMAP721XS	
<ul style="list-style-type: none"> <li>• 7" WVGA touchscreen display with pinch-to-zoom</li> <li>• HD-ID™ sonar - sonar recording</li> <li>• 10Hz GPS/GLONASS receiver</li> <li>• NMEA 2000® and wireless connectivity</li> <li>• Worldwide basemap</li> <li>• Autopilot capable</li> <li>• Use with the CHIRP transducer to display crystal clear sonar images, see target separation and resolution at extraordinary depths</li> <li>• 2 microSD card slots</li> <li>• Bluetooth® wireless technology</li> </ul>		

GPSMAP® 741		\$1399.00
Part Number	GPSMAP741	
<ul style="list-style-type: none"> <li>• 7" WVGA touchscreen display with pinch-to-zoom</li> <li>• 10Hz GPS /GLONASS updates 10 times per second</li> <li>• NMEA2000® and wireless connectivity</li> <li>• US coastal and inland mapping</li> <li>• Media integration</li> <li>• Autopilot capable</li> <li>• Radar support</li> <li>• NMEA2000® and wireless connectivity</li> <li>• Bluetooth® wireless technology</li> </ul>		












GPSMAP® 741/741xs

GPSMAP® 741xs		\$1499.00
Part Number	GPSMAP741XS	
<ul style="list-style-type: none"> <li>• 7" WVGA touchscreen with pinch-to-zoom</li> <li>• 10Hz GPS /GLONASS updates 10 times per second</li> <li>• Advanced HD-ID sonar and CHIRP capabilities</li> <li>• Faster zooming and panning from 60% more processing power</li> <li>• Sonar recording with 1kW support</li> <li>• Radar support</li> <li>• NMEA 2000® and wireless connectivity</li> <li>• Media integration, Video input</li> <li>• Autopilot capable</li> <li>• 2 microSD data card slots</li> <li>• Bluetooth® wireless technology</li> </ul>		

GPSMAP® 721, 721XS, 741, 741XS	
Unit Dimensions	9.0" W x 5.6" H x 2.4" D
Display Size	6.0" x 3.6", 7.0" diagonal
Display Resolution	800 x 480 pixels
Antenna	internal

# NMEA 2000® Harness

Livorsi can supply you with the necessary cables and connectors to expand your NMEA 2000® network. Below is a chart of in-stock parts, for more options please call Livorsi Marine for pricing and availability.

		
single T connector Part Number: 010-11078-00	120 Ohm female terminator Part Number: 010-11081-00	120 Ohm male terminator Part Number: 010-11080-00
		
backbone/drop cable 2 ft Part Number: MEFI4C	single power cable Part Number: 010-11079-00	backbone/drop cable 6 ft Part Number: 010-11076-00
		
backbone/drop cable 12 ft Part Number: 010-11076-04	backbone/drop cable 18 ft Part Number: 010-11076-01	backbone/drop cable 30 ft Part Number: 010-11076-02

## Garmin Transducers

### In-Hull/Shoot Thru Airmar P79

- Depth only
- In-hull plastic housing w/ 25 ft cable
- No holes or protrusions on solid fiberglass up to 1" thick & aluminum hulls under .15" thick
- Recommended for planning hull power boats, trailored boats, rigid inflatable boats (RIBS) and racing sailboats
- Adjustable for deadrise angles up to 22°

Part Number 010-10327-00

### Transom Mount Airmar P66

- Transom mount plastic housing w/ 25 ft cable
- Depth, speed & temperature
- Designed for large outboard and I/O powered boats up to 35 ft
- Accommodates transom angles of 2° to 20°

Part Number 010-10192-01

### Flush Thru-Hull Airmar B60 Tilted Element

- Thru-hull bronze housing w/ 30 ft cable
- Depth & temperature
- Fixed tilted element compensates for hull deadrise aiming the beam straight down resulting in strong echo returns and accurate depth readings
- For use on fiberglass and wood hulls
- 12° accommodates 8° to 15° hull deadrise
- 20° accommodates 16° to 24° hull deadrise

Part Number 20° tilt 010-10982-00  
Part Number 12° tilt 010-10982-01



# SmartCraft® MercMonitor



Displays  
NMEA 2000®  
compatible



Gauges  
NMEA 2000®  
compatible



Engines  
NMEA 2000®  
Outboards &  
Sterndrives



Systems  
Trim Tabs &  
Depth Sounders



GPS  
Chartplotters  
Pucks/Receivers



Shown here with the MercMonitor  
Race Rim in blue.

NMEA 2000®/J1939† Out/In Supported	Data Level
RPM	1 · 2 · 3
Voltage	1 · 2 · 3
Oil Pressure	1 · 2 · 3
Coolant Temperature	1 · 2 · 3
Tank Level Fuel	1 · 2 · 3
Trim Position	1 · 2 · 3
Water Pressure	1 · 2 · 3
GPS Speed/COG/ Lat-Lon (in only)	1 · 2 · 3
Check Engine Alarm	1 · 2 · 3
Fuel Flow	2 · 3
Engine Hours	2 · 3
Boost Pressure <sup>5</sup>	2 · 3
Oil Temperature <sup>5</sup>	2 · 3

<sup>5</sup> Available on Mercury Verado  
† J1939 limits signals and data levels

NMEA 2000® Only Out/In Supported	Data Level
Multiple Tank Levels	2 · 3
Tabs	2 · 3
Depth	2 · 3
Sea Water Temp	2 · 3
Paddle speed	2 · 3
Pitot Speed	2 · 3
Rudder Angle	3
Gear Pressure <sup>6</sup>	3
Gear Temp <sup>6</sup>	3
Fuel Pressure	3

<sup>6</sup> Available on Cummins MerCruiser Diesel Engines  
†† Digital Trim sender required for full functionality.

MercMonitor featuring the Mercury® Gateway converts SmartCraft® engine and system data to NMEA 2000®/J1939 protocol for use on NMEA 2000®/J1939 multi-function displays and gauges.

The ECO-Screen feature constantly monitors engine RPM, boat speed, fuel consumption and engine trim† to automatically calculate and guide you to your best fuel economy settings. No calibration required.

Cutout: 3 3/8"

Overall: 3 3/4"

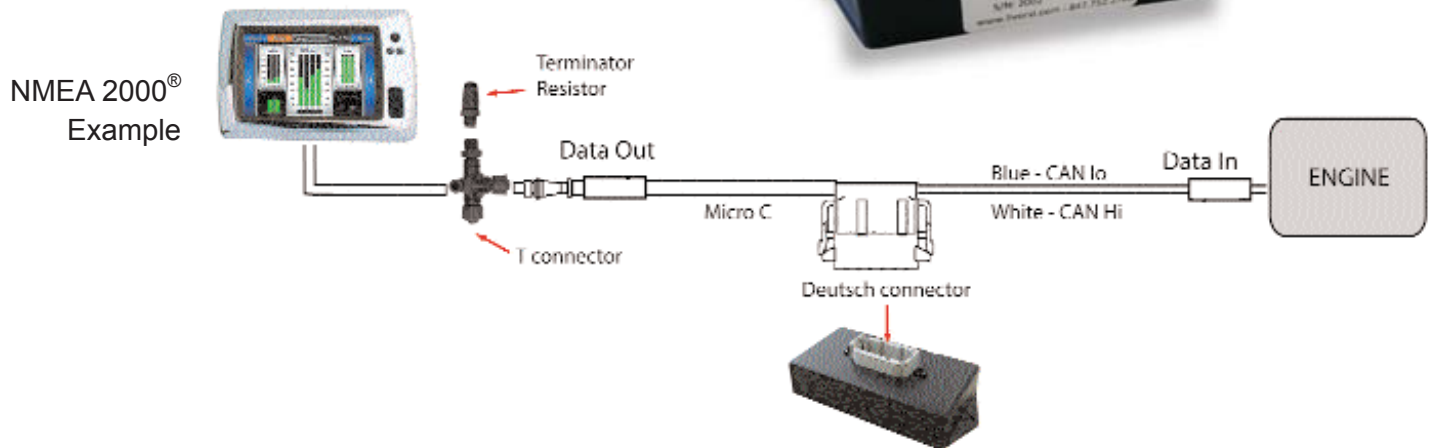
Merc Monitor Kits		Part Number	Notes:
Data Level 1	Single Engine- Troll Control- NMEA 2000	879337K51	Race Rim sold separately
Data Level 2	Single Engine- RPM SmartTow- NMEA	879338K51	Race Rim included
Data Level 3	Multi Engine- RPM SmartTow- NMEA	879337K52	Race Rim included
Data Level 3	Multi Engine- SmartTow Pro- NMEA 2000	879339K51	Race Rim included
Race Rim for MercMonitor - chrome		MMRRCH	

# Livorsi Gateways

With the Livorsi Data Gateway you can export CAN (Controller Area Network) engine data to a NMEA 2000® device and display engine data. For use with Vantage View® gauges or a Garmin display. Please note that engine data is only transmitted if there is a sensor to support it.

Livorsi's Data Gateway simply plugs into a standard NMEA 2000® Tee connector which can be hooked directly to your device. On the engine side it will interface via CAN+ / CAN- wires to gather the information and send it off to a screen and/or gauges.

Description	Part Number	List Price
MEFI to NMEA2K	LGM4N2K	\$502.00
J1939 to NMEA2K	LGJN2K	\$502.00
MoTeC to NMEA2K	LGMN2K	\$502.00
harness	GATEWH	\$78.00



# Mercury NMEA Gateways

This gateway converts SmartCraft® engine and system data to NMEA 2000® for use with Garmin or other non-Mercury gauges and displays.

## Included with Gateway

- Module
- 4 mounting screws
- N2K Tee
- Installation instructions

Description	Part Number	List Price
Gateway single engine	SEGCANP	\$470.00
Gateway multi-engine	MEGCANP	\$510.00



Note: Gateway will not provide operation power for devices on the NMEA 2000® network.

# Adjustable Position LED Indicators

Displays position for tabs, drives, jackplates, rudder indicator, fuel and water level

## Compatible With:

- NMEA 2000® (Rx + Tx) Devices
- J1939 (Rx + Tx) Devices
- Resistive Sensors (ohms)
- SmartCraft® (with Gateway)
- 0-5 Volt Sensors

These LED position indicators eliminate the need for mechanical 33C cables which are typically used for drive and tab indication. Cables have a tendency to deteriorate, will fail over time, and are inaccurate due to lost cable motion.

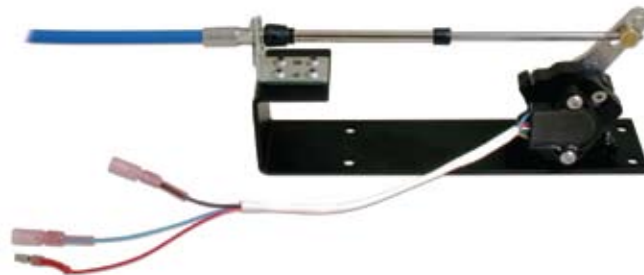
With the Adjustable Position LED indicators, mechanical cables are replaced by more reliable network wiring that allows 'plug n play' connectivity into existing tab or drive position sensors.

For applications or retrofits that do not have electronic position sensors, Livorsi can provide you with a mechanical to electric converter so that you may take advantage of the accuracy and benefits of Livorsi's LED Indicators. (see below)



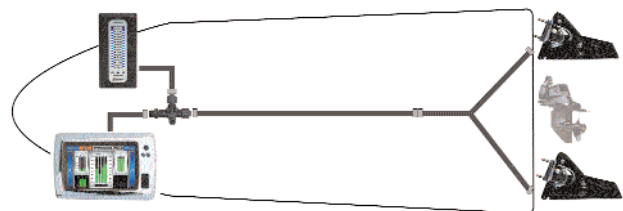
Low profile:  
Requires a small dash cutout, uses very little space behind the dash, and wiring is as easy as 1-2-3.

## Mechanical to Electric Converter



If your boat is already transmitting (Tx) NMEA 2000® data (tabs, drives, fuel level, water level, rudder angle, etc.), simply plug the indicator into the NMEA 2000® backbone to begin displaying the desired feature on the indicator.

Visit [www.livorsi.com](http://www.livorsi.com) for more information on these Position LED Indicators.





Visit our website to learn about our Vantage View CAN Bus gauges.

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