

# SmartCraft MercMonitor featuring Mercury® Gateway

Truly smart boating.



DISPLAYS  
NMEA 2000  
Compatible



GAUGES  
NMEA 2000  
Compatible



ENGINES  
NMEA 2000 Compatible  
Outboards & Sterndrives



SYSTEMS  
Trim Tabs  
Depth Sounders



GPS  
Chart Plotters  
Pucks

## Plays nice with NMEA 2000\*

The new MercMonitor converts engine and system data to NMEA 2000\* / J1939 protocol for use on NMEA 2000\* / J1939 multifunction gauges and displays.

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
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

New MercMonitor Kits	P/N
Single Engine - Troll Control - NMEA 2000 <b>Data Level 1</b>	879337K51
Single Engine - RPM SmartTow - NMEA 2000 <b>Data Level 2</b>	879338K51
Multi Engine - RPM SmartTow - NMEA 2000 <b>Data Level 3**</b>	879337K52
Multi Engine - SmartTow Pro - NMEA 2000 <b>Data Level 3</b>	879339K51

NMEA 2000 Only Out/In Supported	Data Level
Multiple Tank Levels	2 • 3
Tabs	2 • 3
GPS Speed/COG/Lat-Lon (in only)	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>1</sup> Features available depend on engine and installation

<sup>2</sup> Available on outboard engines only

<sup>3</sup> Only available on some Mercury DTS model engines

<sup>4</sup> Not available on MerCruiser engines

<sup>5</sup> Available on Mercury Verado

<sup>6</sup> Available on Cummins MerCruiser Diesel Engines

\* NMEA 2000 Certification Pending

† J1939 limits signals and data levels



# Monitor3 Gateway Software

## Protocol Group Numbers (PGN)

Signal	NMEA2K PGN	Mode
RPM	127498 / 0x1F20A	RX / TX
Coolant Pressure	127489 / 0x1F201	RX / TX
Speed	128259 / 0x1F503	RX / TX
RPM	127488 / 0x1F200	RX / TX
Voltage	127489 / 0x1F201	RX / TX
Coolant Temperature	127489 / 0x1F201	RX / TX
Fuel Pressure	127489 / 0x1F201	RX / TX
Fuel Level	127505 / 0x1F211	RX / TX
Fuel Tank Size	127505 / 0x1F211	RX / TX
Fuel Flow	127489 / 0x1F201	RX / TX
Oil Pressure	127489 / 0x1F201	RX / TX
Oil Temperature	127489 / 0x1F201	RX / TX
Gear Temp	127493 / 0x1F205	RX / TX
Gear Pressure	127493 / 0x1F205	RX / TX
Boost Pressure	127488 / 0x1F200	RX / TX
Trim position	127488 / 0x1F200	RX / TX
Rudder Angle	127245 / 0x1F10D	RX / TX
Depth	128267 / 0x1F50B	RX / TX
Depth Offset	128267 / 0x1F50B	RX / TX
Sea Water Temp	130310 / 0x1FD06	RX / TX
Engine hours	127489 / 0x1F201	RX / TX
Manufacturer ID	060928 / 0xEE00	RX / TX
Alarm data	127489 / 0x1F201	RX / TX

Signal	NMEA2K PGN	Mode
Tabs	130576 / 0x1FE10	RX / TX
Course over Ground	129026 / 0x9F802	RX
Speed over Ground	129026 / 0x9F802	RX
GPS Position	129025 / 0x1F801	RX
Battery	127508 / 0x1F214	RX / TX
ISO Acknowledge	059392 / 0x0E800	RX / TX
Address Claim	060928 / 0x0EE00	RX / TX
Product Info	126996 / 0x1F014	RX / TX
Signal	J1939 PGN	Mode
RPM	61444 / 0xF004	TX
Voltage	65271 / 0xFE7F	TX
Coolant Temperature	65262 / 0xFEE	TX
Fuel Level	65276 / 0xFEFC	TX
Fuel Flow	65266 / 0xFE72	TX
Oil Pressure	65263 / 0xFEEF	TX
Boost Pressure	65270 / 0xFE76	TX
Engine hours	65253 / 0xFEE5	TX
Manufacturer ID	61182 / 0xEEFE	TX
Alarm data	65226 / 0xFECA	TX

RX: M3 Gauge receives specified PGN

TX: M3 Gauge transmits specified PGN

