

SmartCraft MercMonitor featuring Mercury® Gateway

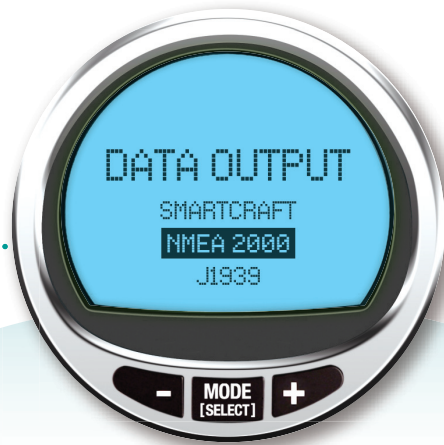
Truly smart boating.



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
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 ⁵	2 • 3
Oil Temperature ⁵	2 • 3

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 ⁶	3
Gear Temp ⁶	3
Fuel Pressure	3

New MercMonitor Kits	P/N
Single Engine - Troll Control - NMEA 2000 Data Level 1	8M0048274
Single Engine - RPM SmartTow - NMEA 2000 Data Level 2	8M0048275
Multi Engine - RPM SmartTow - NMEA 2000 Data Level 3	8M0048277
Multi Engine - SmartTow Pro - NMEA 2000 Data Level 3	8M0048276

¹ Features available depend on engine and installation
² Available on outboard engines only
³ Only available on some Mercury DTS model engines
⁴ Not available on MerCruiser engines

⁵ Available on Mercury Verado
⁶ 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 / 0xFE7F7	TX
Coolant Temperature	65262 / 0xFEE6	TX
Fuel Level	65276 / 0xFEFC	TX
Fuel Flow	65266 / 0xFE7F2	TX
Oil Pressure	65263 / 0xFEE7	TX
Boost Pressure	65270 / 0xFE7F6	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

