PRODUCT BASIC INFORMATION

OCEANLINK 7″ TFT DISPLAY

Best Performance in Outdoor Environments

ART. NR: A2C1865330001

OCEANLINK 7" TFT DISPLAY

Precision CAN Instrumentation for Leisure Boats

KEY FEATURES

- Transmissive layer technology for great readability even in direct sunlight
- Protection rating IPx7
- NMEA2000® certified
- 2 SAE J1939 inputs
- 13 analog inputs (6x resistive, 2x frequency, 2x 4-20mA, 3x 0-5V,
- 2 EasyLink data outputs

The OceanLink capacitive multi-touch TFT display is available in 7" display size. The full 24 bit / 16 mio. color optically bonded display features transmissive layer technology for unprecedented and unsurpassed readability even in direct sunlight. For simple installation in any yacht, up to 5 displays can be installed per NMEA2000.

OceanLink 7" TFT display has an embedded gateway for dual analogue engine input and for dual SAEJ1939 engines. All the information received via NMEA2000® and/or via SAE J1939 are redirected, using standard PGNs, to the NMEA2000 network, so that any 3rd party devices, can show them as well. The OceanLink 7" TFT can show data with 2 different layouts (digital and graphic) in blue and amber color. The embedded light sensor can adjust the brightness automatically so that the user could have the best visibility all day long (night mode is only a customer selection).
All its analogue inputs are selectable from a clear list of possible sensors. OceanLink 7" TFT using its smart software routine is able to load a predefined curve calibration, just selecting either the sensor type or the sensor range so that the customer is not obliged to calibrate them. Custom calibration (when needed) is available for fluid level sensor and is also possible to define damping and offset for navigation sensor (e.g., NavSensor, Wind Sensor, etc.). The display also has an alarm input. This input can be customized using the Veratron Configurator Tool.

TECHNICAL DATA

Housing	Case: Aluminum, Bezel: PC-FR
Start-Up Time	5 sec / 3sec (warm start)
Display	7", full 24bit, TFT, touchscreen Resolution: 800x480
Operating Temperature	-25°C to 70°C
Storage Temperature	-40°C to 85°C
Operating Voltage	9 to 32 VDC
Current Consumption	< 1A @ 12V
Protection Class	IPx7
Flammability	UL-94V0
EMC	IEC 60945:2002 / ISO7637-2
Reverse Polarity Protection	Yes (1minute)
Approval	CE, UKCA, RoHS, NMEA2000®
Data Input	CAN (NMEA2000,SAE J1939) Analog (Frequency, Resistive, Voltage, Current 4-20mA, Alarm input)
Data Output	EasyLink, NMEA2000, Alarm output

CE
NMEA 2000 GATEWAY
12/24 VOLT
UK CA
FREQUENCY INPUT
EASYLINK INTERFACE
REACH COMPLIANT
RESISTIVE INPUT
IPX7 COMPLIANT
RoHS COMPLIANT
CAPACITIVE INPUT
UL

CONNECTORS

Molex MX150 – Engine1 Connector

Pin	Wire Color	Signal
1	Red	Power (12V/24V)
2	Black	Ground
3	White	Alarm output
4	Green	Frequency sensor input
5	Blue	SAE J1939 - CAN low
6	Blue/White	SAE J1939 - CAN high
7	Yellow	Ignition
8	Gray	Resistive sensor input
9	Brown	Resistive sensor input
10	Orange	0-5V sensor input
11	Light Blue	4-20mA sensor input
12	Yellow	4-20mA sensor input

Molex MX150 – Engine2 Connector

Pin	Wire Color	Signal
1	Red	Alarm input (0-5V)
2	Black	Ground
3	White	Alarm output
4	Green	Frequency sensor input
5	Blue	SAE J1939 - CAN low
6	Blue/White	SAE J1939 - CAN high
7	Yellow	0-5V sensor input
8	Gray	Resistive sensor input
9	Brown	Resistive sensor input
10	Orange	0-5V sensor input
11	Light Blue	Resistive sensor input
12	Yellow	Resistive sensor input

M12-5Pin

Pin	Signal
1	Shield
2	Power (12V)
3	GND
4	CAN high
5	CAN low

M12-4Pin

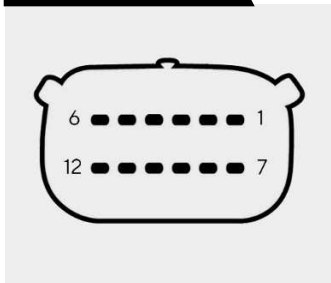
Pin	Signal
1	Video Input 2
2	Video Input 1
3	GND
4	GND

AMP Superseal

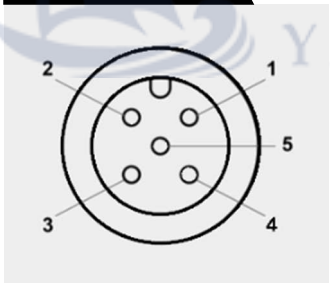
Pin	Signal
1	EasyLink - Power
2	EasyLink - GND
3	EasyLink - Data

AMZ YACHTING

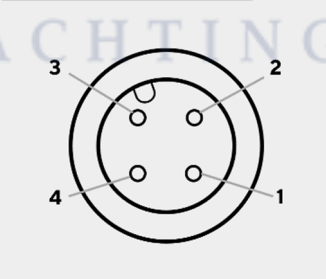
Molex MX 150



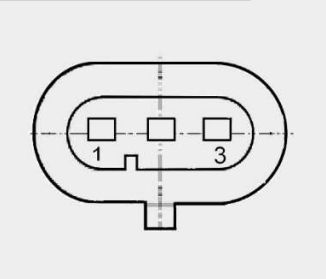
M12-5Pin



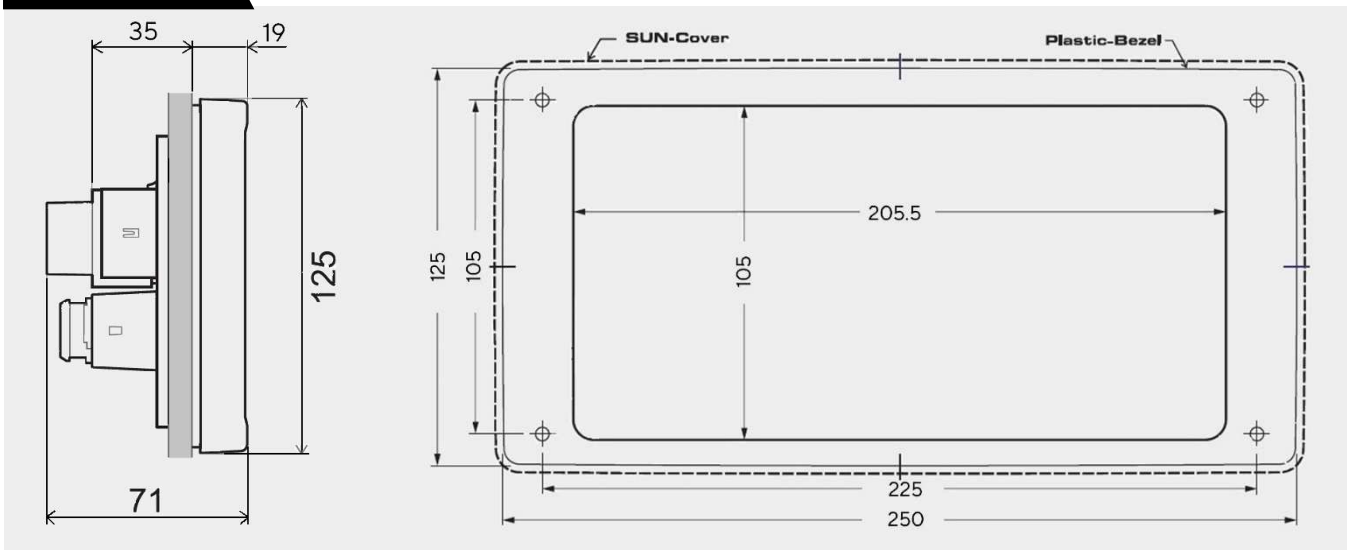
M12-4 Pin



AMP Superseal



DIMENSIONS

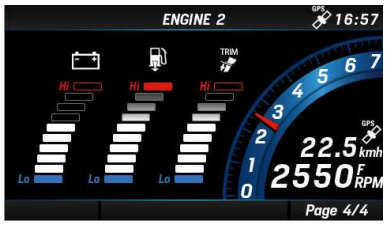


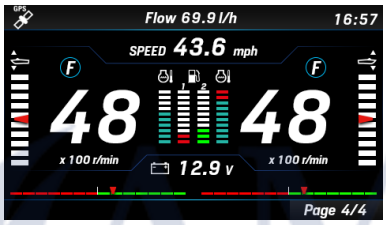
ACCESSORIES

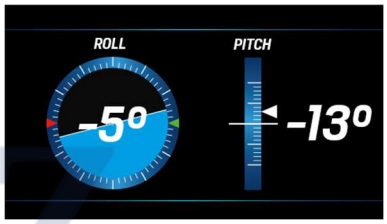
Description	Part Number
Power and data cable – Engine 1	A2C1507870001
Data cable – Engine 2	A2C1992110001
EasyLink extension cable	A2C59500139
Video input cable 0.3m	A2C1845710001
Plastic frame – black	A2C1697530001
Plastic frame – white	A2C1697540001
Sun cover	A2C59501973
NMEA 2000 power cable	A2C3931290001
NMEA 2000 T-splitter	A2C3931270002
NMEA 2000 drop cable – 0.5m	A2C9624370001
NMEA 2000 drop cable – 2m	A2C9624380001
NMEA 2000 drop cable – 6m	A2C9624400001
NMEA 2000 terminator - Male	A2C3931100001
NMEA 2000 terminator - Female	A2C3931060001

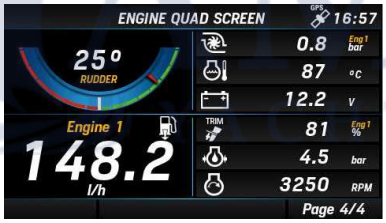
Analog to NMEA gateway included.

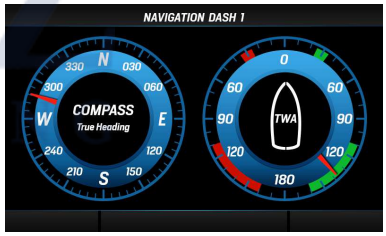
SCREENS

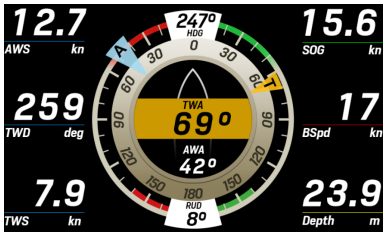


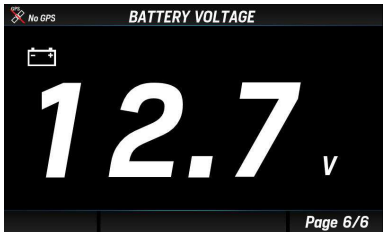


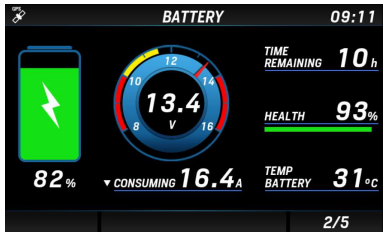












Plug-and-Play Serial connection

OCEANLINK 52MM SATELLITES

- OceanLink look-and-feel
- Analog round instrument style
- Digital EasyLink interface
- Up to 2x 16 satellites on one 7" TFT
- Trim, Rudder, Voltmeter, Ammeter, Fuel-, Freshwater- and Wastewater level, Pyrometer, Gear and Engine Oil Pressure and Temperature, Coolant temperature, Boost

AMZ
YACHTING

OUTDOOR INSTRUMENTATION
ENGINEERED IN SWITZERLAND

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