

Octopus 10

Cost effective off-the-shelf eLogbook / VMS solution for fisheries

The **Octopus 10** is a touch screen terminal with pre-installed applications for fisheries. Designed to be tough and rugged, Octopus 10 terminals are ideal for use in marine/industrial environments. Octopus 10 terminals provide communication with a BlueTraker® VMS device for sending documents, such as catch reports, compliance forms and exchange other data with the Fisheries Monitoring Centre (FMC).

The Octopus 10 functionalities:

- Out-of-the-Box approach makes BlueTraker VMS on-board system ready to be used without additional interfacing, modifications and testing;
- Pre-installed HMI application makes vessel data, such as position and speed of the vessel, fuel level, engine temperature, etc., available to the FMC. In addition to above, circular messages can be sent from FMC to any or all vessels;
- An optional eLogbook application, which handles reporting according to ERS requirements (Catch Report, Transshipment Report, Landing Report, etc.) is fully compliant with international fisheries regulations and requirements. eLogbook software applications may also come from national, local software providers in case they qualify their product as "BlueTraker Certified Software";
- An Optional OceanMail application enables text messaging anywhere on the planet from the vessel to FMC or vice versa;
- Octopus 10 enables other third party applications to be embedded into the product which is a subject of successful "BlueTraker Certified Software" approval process.

What you get with Octopus 10:

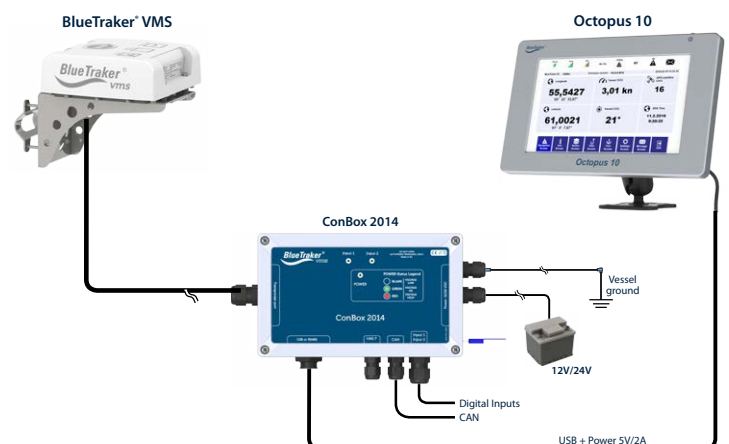
- Octopus 10 Set (Part No. 13319):
 - Touch Screen Terminal (Part No. 13694)
 - Octopus 10 stand (Part No. 12646)
 - USB/Power Cable (Part No. 13320)
 - Installed HMI application (Part No. 13339)
- Optional software applications:
 - OceanMail application (Part No. 13342)
 - eLogbook application (Part No. 13340)



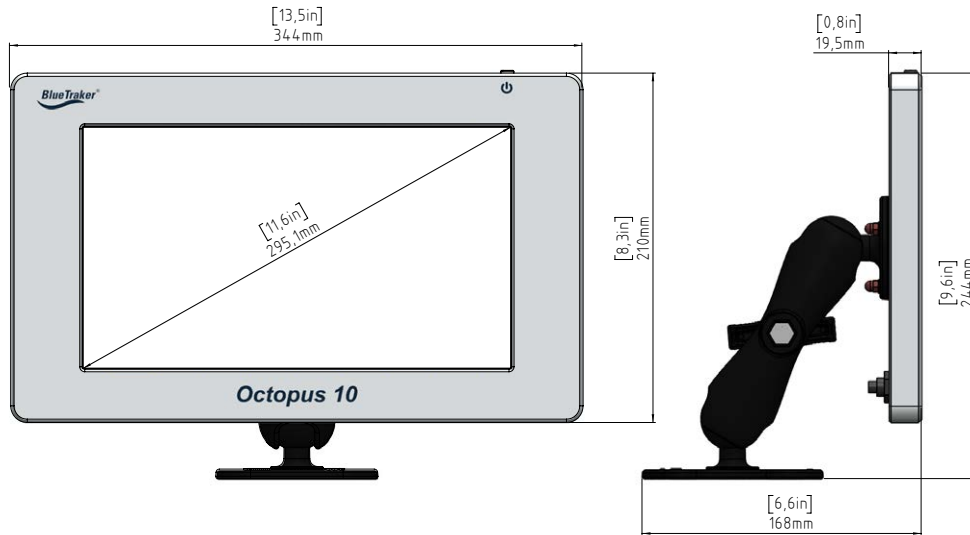
Unique features:

- Robust design for marine/industrial environment
- Automatically adapts to Day/Night fishing
- Complies with all relevant EU fisheries Directives
- Large 11-inch outdoor touchscreen
- Internal rechargeable battery back-up
- Out of the Box eLogbook/VMS

Typical Application setup for eLogbook / VMS system



Octopus 10 Technical Specification



Physical	Standards / Compliance	Parameter
Outer dimensions:		344 mm (width) × 210 mm (height) × 19,5 mm (depth)
Weight (net / including mount):		2.300 g / 2.800 g
Housing material:		Marine grade anodized aluminum
Electronic hardware environment		
OS:		Microsoft Windows® 8.1 / 10
CPU:		Intel 64 bit Quad Core Z3736F CPU 2,16 GHz
RAM:		2 GB DDR3L
Integrated storage:		32 GB eMMC, optional up to 128 GB
Wireless technologies:		Optional (GPRS, EDGE, UMTS, HSPA+)
Display		
Size / Aspect ratio / Resolution:		11.6-inch / 16:9 / 1920x1080
Viewing angle:		178°
Touchscreen:		Capacitive with 10 multi-touch points
Brightness:		700 nits / outdoor readable
Environmental specifications		
Operating Temperature range:	IEC 60945 (4th Ed.)	-20°C to 55°C
Storage Temperature range:		-20°C to 55°C
Level of water and dust protection	IEC 60529	IP65
Electrical characteristics		
Back-up battery:		8800 mAh
Average power consumption:		14 W
Max supply current:		2 A at 9V DC (at 23°C)
Supply voltage:		Nominal 12 / 24 V DC, Operating 9-35 V DC
Power supply protection		
Overvoltage protection:		Disconnects above 35 V DC supply voltage
Max overvoltage:		150 V DC
Overcurrent protection:		Yes
Reverse polarity protection:	IEC 60945 (4th Ed.)	Tested with -36 V DC