AQVIS-DU

ACQUISITION INTELLIGENCE SYSTEM - DATA UNIT

AQVIS-DU is specially designed data collection, processing, encryption and transmission device tailored for USV applications. It has a possibility to collect **propulsion**, **battery, tanks**, onboard **machinery**, **navigation** and **mission specific data** like water quality sensors, bathymetry, etc. The data can be stored locally or transferred via GSM network using its modem or integrated to your network solution. AQVIS-DU admin system setting can be accessed remotely at anytime and configurations such as data sampling frequencies can be adjusted. During lost connection, the data is being stored locally and transferred at first connection reactivation. The data is sent to ours or your servers using secured transfer protocols where it can be used in raw form or connected to our ADAAMS data processing platform. AQVIS-DU is using well established communication protocols such as CAN, Ethernet, Bluetooth, WiFi where we offer **services** for initial **data network establishment** on hardware and software level for your specific mission/vessel requirements.

AUTONOMOUS CRAFTS

DIMENSIONS: 175x230x43 mm

WEIGHT: 560 g

FEATURES:

- 4x CAN interfaces
- High-accuracy GPS
- 4G LTE connectivity
- Ethernet
- HDMI (optional)
- Linux-based
- Remote configuration and diagnostic
- Wide range of input voltages

- 16 GB onboard memory (expandable to 32 GB)
- Local processing capability
- Worldwide connectivity coverage
- Analog and Digital sensor integration (Low and High Voltage)
- Low power consumption