

# Installation guide: YDVR

1. Locate a NMEA 2000 backbone or T-connector with an open port. If a port is available, simply plug in the logger's Micro Male connector. If all ports are occupied, add a new T-connector to the backbone before connecting the logger.
2. Ensure proper termination: the two ends of the backbone must each have one terminator. Any unused T-connector ports should be capped.
3. Secure the logger in a dry, protected location away from bilge water or spray.
4. Confirm network power (10.5–16 V) is present before connecting.
5. Lock the connector collar to maintain water resistance.
6. Insert the MicroSD card into the logger until it clicks into place.
7. Connect the vessel's NMEA 2000 power or turn the system "on."
8. Observe the **LED indicator** at the end of the logger:
  - **1 green flash (1 second)** = file created, ready to record
  - **3 green flashes (0.5 seconds apart)** = receiving NMEA 2000 data (correct installation)
  - **Constant green flashing** = actively recording
  - **Red flashing** = indicates error (no card, wrong format, or write issue)
9. When powering down, a **short red flash** confirms safe file closure.
10. Data are stored automatically in folders named YDVR#### on the MicroSD card.
11. To retrieve data, remove the card, copy files to a computer, and process with YDVR Converter software (available for download [here](#)).

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