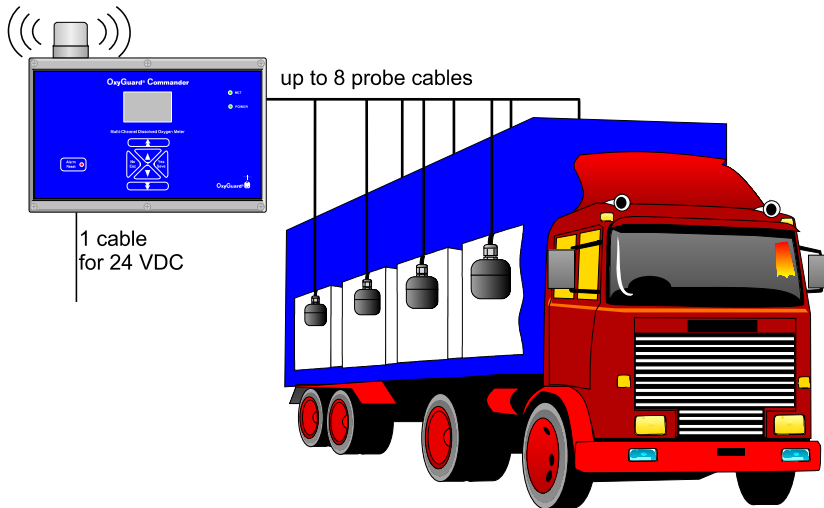


# Application note - OxyGuard Convoy

The **Convoy** system for water quality monitoring and control in vehicles used for transporting living fish can be configured to suit the needs of the user. This note describes most of the possibilities available.

## 1) Basic monitoring and alarm

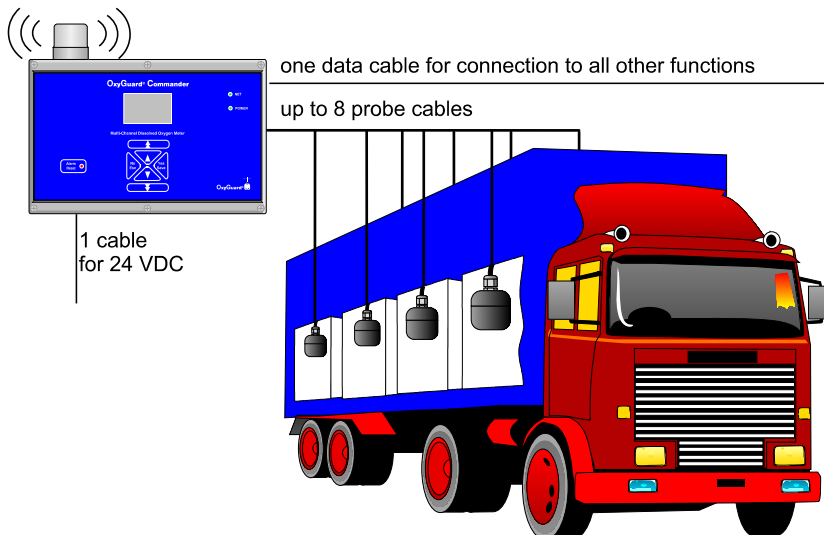


- One DO meter.
- Up to 8 tanks.
- DO, temperature.
- Display of values.
- One Alarm output.
- Alarm triggered by:
  - low DO
  - high temperature.
- Alarm horn and strobe light optional.

The DO meter can be placed as desired.

The whole system can be repeated to monitor tanks on a trailer.

## 2) Monitoring and alarm with other functions



The following functions can be added (see overleaf):

- Display, keyboard and datalogging unit.
- Printer.
- Oxygenation system.
- GPS unit.
- Mobile phone unit.
- pH & level monitoring etc.

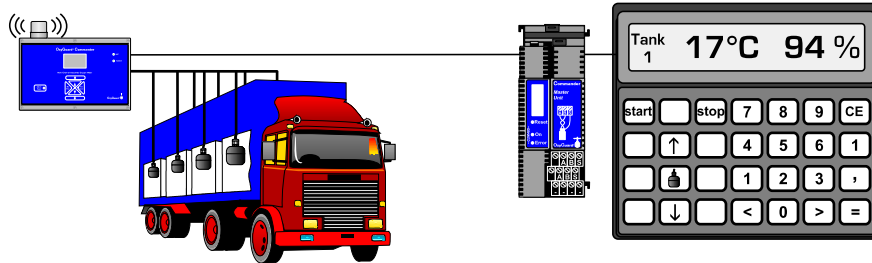
The DO meter can be placed as desired.

Another DO meter can be placed on a trailer and connected to the system with the data cable.

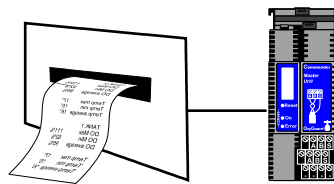
# Technical Information

## 3) Other functions

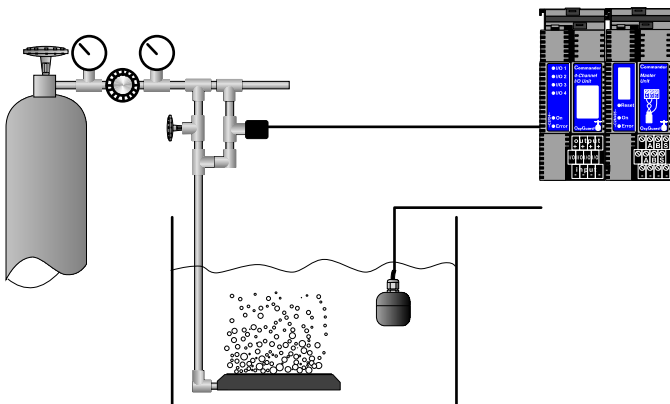
- these can be combined as desired...



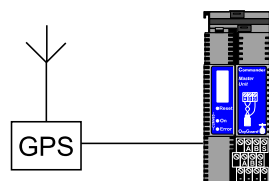
- Display, keyboard and datalogging unit.



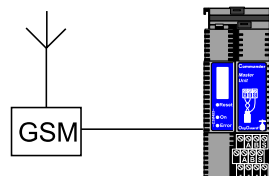
- Printer unit.  
Prints DO & temperature values, start & stop transport times etc.



- Oxygenation system.



- GPS unit.  
Tells you where events occurred, i.e. the exact location loading and unloading takes place can be recorded.  
Permits the transport to be followed.



- GSM (mobile phone) unit.  
Enables head office to see what is happening, and with the GPS option permits the transport to be followed.