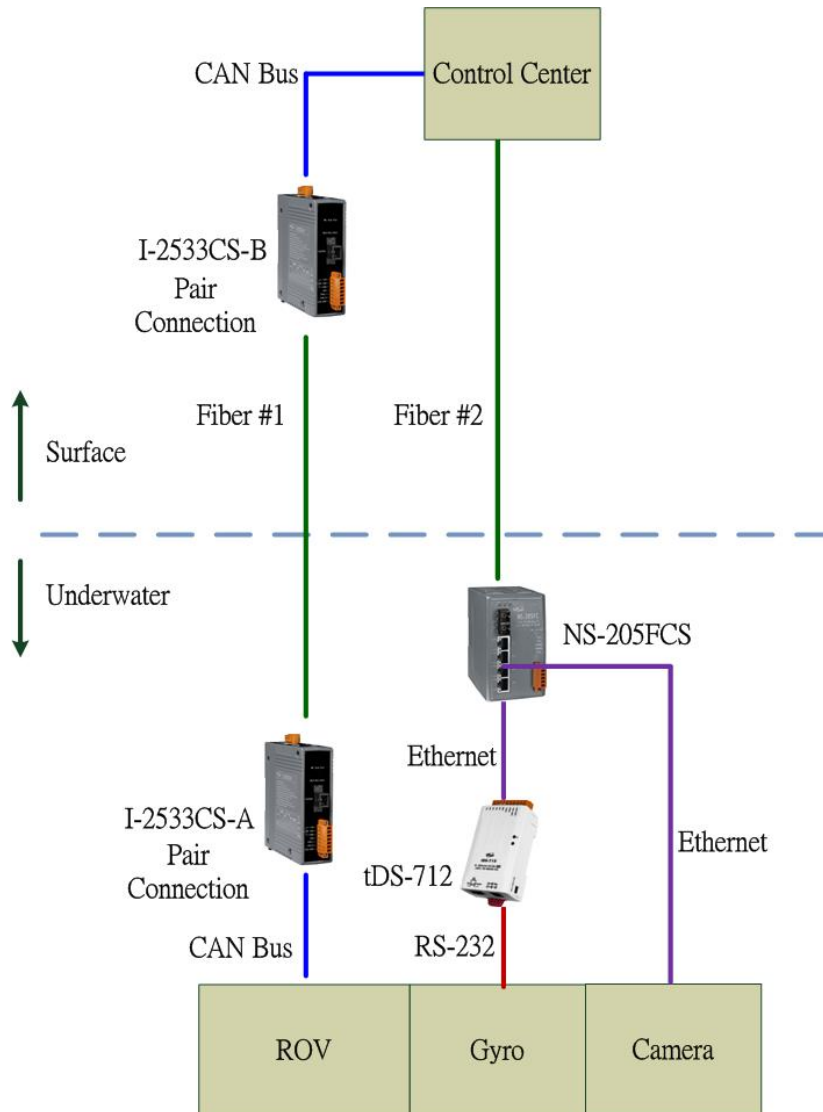# Remotely Operated underwater Vehicle system

Remotely Operated underwater Vehicle (ROV) is used for offshore oil exploration, submarine cables and pipelines monitoring, and so on. It can be substituted for diver for high-risk work. In addition, many advanced countries are more optimistic about the potential of remote operated underwater vehicles in the military and they are committed to the development of related equipment.



(This photo are only illustrative, not the actual application equipment)
(Image comes from http://flowergarden.noaa.gov/science/mohawkrov.html)

The customer's ROV is controlled via CAN Bus, and there are gyro and camera in ROV. The gyro is controlled via RS-232 interface and the camera is controlled via Ethernet interface. Due to use fiber cable, we recommend the customer uses two I-2533CS with pair connection mode to control ROV. About gyro and camera control, we recommend the customer uses Ethernet/RS-232 converter tDS-712 and then using Ethernet /Fiber switch NS-205FCS to extend the control line of gyro and camera to control center.