

CL network

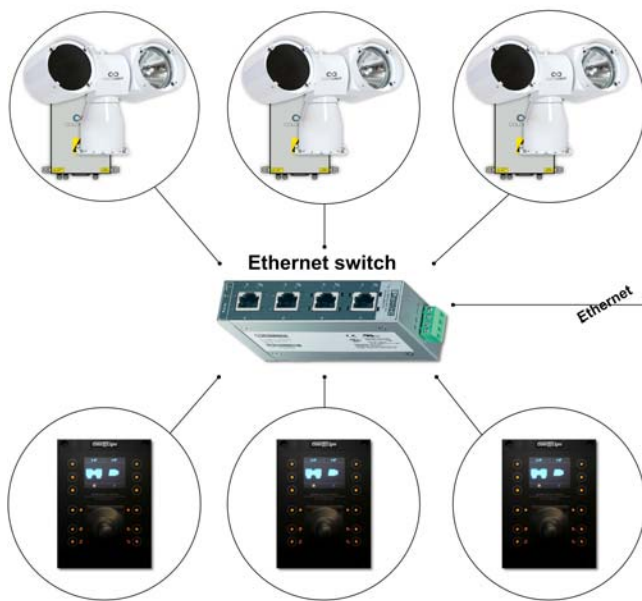
The CL network is built to operate multiple searchlights in a net. The system will operate up to 16 units (i.e. combination of searchlights and/or panels) in the network. Data communication within the system consists of two bus types; Stable & reliable Can-bus cable between the electronic box and a single searchlight or Ethernet bus platform for control of a complete network. The CL network must be separated from other networks to ensure system stability.

In combination with the digital controlled searchlight motors, the system is set up not only to increase the operational power and speed but also reduce the mechanical stress resulting in improved operational lifetime of the searchlight system. The system also monitors the condition of the brushless servomotors and if any problems arise it is communicated to the control panels at the command bridge.

The system is also open to communicate with external control system through telecommunication standard RS-232 or RS-485.

Please contact Imtra for assistance in selecting the best hardware and software options for your requirements.

Multiple searchlights and/or panels connected in a network



CAN-bus

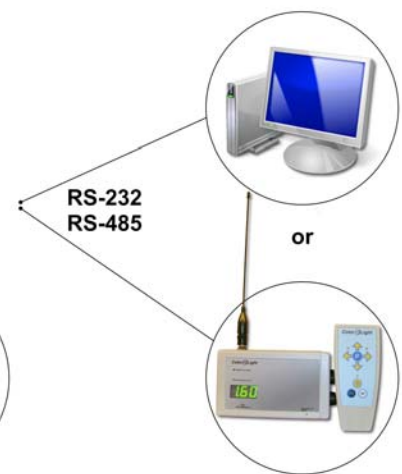


Ethernet



Single searchlight and panel option

External control possibilities



Wireless radio control