



# Geomar CIC-398 TP | Touch Screen Control Panel for Navigation Lights



### Product Description

**Geomar CIC 398 TP** is a rugged, versatile, easy to use control system for navigation and signaling lights. The control panel switches and monitors traditional incandescent lights. The system consists of 2 different units:

- Touch Screen Control Panel: 12,1", ruggedly constructed, IP67, able to withstand the highest demands. Protected against shock and vibration. Certified by DNV
- Control Box: including power supply unit, CPU, commuting module, power modules. Dimensions: 600x400x150.

### Application

- All vessels requiring navigation and signal lights to be continuously monitored. Suez, Panama, Kiel Canal, Japanese Waters, St. Lawrence lights, etc.
- All vessels with space problems in the console
- All military vessels needing a versatile, custom made control panel able to dim navigation lights.

### Technical Features

- 24V, 115V and 230V power supply. Automatic switch over from mains to emergency (Manual switch over optional)
- Continuous supervision of: navigation lamps, wiring, power supply and control modules.
- Monitoring of status of each individual lamp, type and location of failures.
- Visual and acoustic alarms. Acknowledgement and alarm test button.
- Automatic switch over from main lamp to spare lamp (double tier light)
- Mimics with LEDs showing system availability included in the panel.
- Dimmable control panel ensuring easy reading at night.
- Sunlight readable
- Ambient light sensor
- Programmable settings: at sea, at anchor, NUC, RAM and other options according to customer's specifications and requirements
- Galvanic isolation
- Voltage free output
- Prepared to connect 1 or several panels
- Able to integrate the Suez Canal, Kiel Canal and any other special lights.
- EMC, IP67 cable glands, BUS connection RS485

### Military Configuration

- Dimmer for navigation lights
- LCD screen indicating illumination level (%) of the lamps when they are dimmed.
- Possibility of a mix of conventional navigation lights and friendly navigation lights (NVG), being the latter not necessary to be dimmed.
- EMC cable glands

### Certificates

- Touch Screen certified by DNV
- Specifications according to all relevant classification societies

