

Ethernet to CAN Web Server

Product Overview

- Compatible with Garmin's OneHelm system
- Proprietary ethernet to CAN server works with ITC's VersiControl system and OEMs digital dash
- Lighting integration frees up space in the helm for centralized control and a sleek clean look
- The system interface allows the user to control up to 16 independent zones of light per boat
- Simple intuitive screen design makes controlling the lights functional and fun
- Plug and play standard RJ 45 C-size connectors, make installation quick and easy
- IP66 water resistant rating

Part Number: EWS-JG-A



Product Details

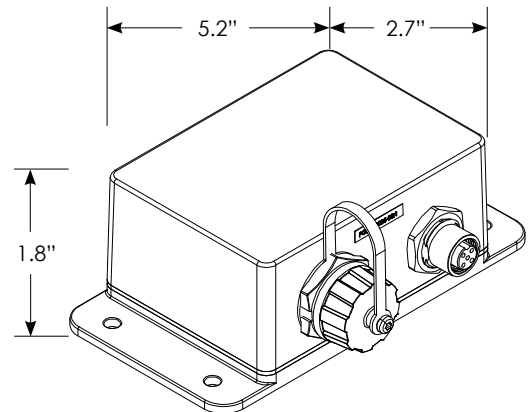
Description	Ethernet Server	4 Zone Control Module	2 Zone Control Module
Dimensions	5.2"L x 2.7"W x 1.8"H	7.5"L x 5"W x 1.5"H	
Housing	Steel Reinforced Plastic		
Input Voltage	11 - 28V DC		
Current	N/A	20A Max ¹ 8A per zone max ² 2.65A per channel	16A Max ¹ 8A per zone max ² 2.65A per channel
Bluetooth Type	N/A	Bluetooth 4.0 BLE (Operating system: IOS 10.0 / Android 5.0 or greater)	
Remote Distance	N/A	100 feet	
Operating Temp.	-20°C - 50°C		
IP Rating	IP66		
UV	UV Stable		

1 Always fuse the zone output line if wiring cannot handle the max current of 20 amps

2 An additional 18A can be gained through the use of an RGB amplifier, part #21080-18

3 EMC : FCC Part 15 Class B

Product Dimensions



Specification Guide

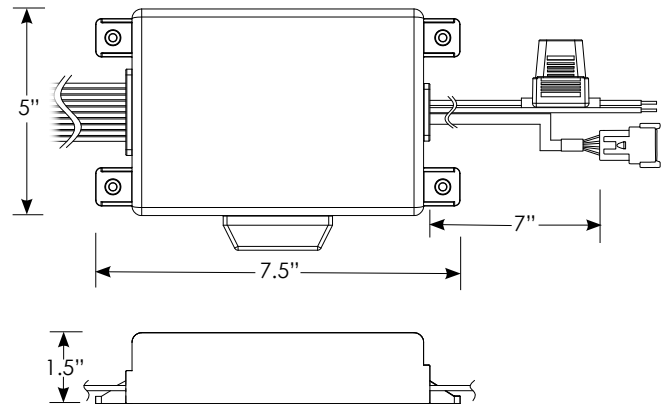
Sample Part #: 22712-RGBW-NM-01

Base Part
 Audio
 Bluetooth
 Zone Option
 Color Option
 Software
 Connector

Base Part #	Audio	Bluetooth	Zone Option	Color Option	Software	Connector
22	7 - W/ Audio	1 - W/ Bluetooth	2 - 2 Zone 4 - 4 Zone	RGB - RGB RGBW - RGBW	00 - J1939	01 - W/ DT Connectors

Control Module Key Features

- Custom programming available for brand differentiation (contact ITC for more information)
- Disabling zones one and two when the unit is in motion
- Bluetooth and CAN Bus controlled
- Smart FET protection and replaceable fusing on return lines
- Individual microcontroller per zone and master micro ensures consistent light output between all zones
- Simple dip switch controls allow for easy customization including:
 - Setting the system to power up in either the on or off state
 - Password reset back up
 - Enable/disable bluetooth function & antenna



Phone App Key Features

- Provides all the same control features as OneHelm including, color, color fade and brightness
- Allows anyone to control the lighting from anywhere on the boat
- Additional control features available on the app include:
 - Camera color selection
 - Quick white
 - Personal pass code security

