What's in the Box?

1. DCU 208E in an ESD Bag
2. Quick Installation Guide

Caution!

Handle with care when opening the bag and installing the unit.

User Interface Basics

The screen pages and panel buttons shown below are presented as they will appear on an attached RP 210/220E Remote panel.

Instrument Pages
Configurable Gauges and Bar-graphs.

Select Page
Thumbnails for quick selection.

Home & Alarm
buttons located at the upper right side of the panel.

Start & Stop Engine
buttons located at the lower right side of the panel.

Alarm List

Red: Alarms/Shutdowns
Yellow: Warnings
White: Other messages
Bold: Unconfirmed

Menu
This page displays the Menu hierarchy.

For More Information:

For the latest updated information, please contact your local distributor or visit the Marine Pro 200 section of the Auto-Maskin web site: http://www.auto-maskin.com

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Marine Pro. 200

Quick Installation Guide

DCU 208E P/N 1006477

Engine Monitor and Control Unit

- 19 flexible configurable channels for either digital input, digital output, 4-20 mA or 0-5V input.
- 2 thermistor input channels
- Dual J1939 interfaces
- 1 magnetic pickup channel
- Ethernet and Modbus communication
- DIN rail mounting clips

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Specifications

Measurements

Section	Width	Height	Depth	Unit
Size	163	131	75	mm

Power Ratings

Section	Min	Typ.	Max	Unit
Power	8	**12/24**	32	VDC
Supply, Vcc	-	**0.5**	2	A

Max ripple 10% without exceeding Min and Max values.

Connectors

USB

RJ45, Ether-net

C1:	C2:	C3:	C4:
Power CAN, RIO, IO1-4	Relay1, Relay2, AllFaults, IO5,20,21	IO6-17	MPU, RS-485, Therm1&2 IO18,19

Installation Steps

1. Remove the unit from the ESD Bag.
2. The unit comes with DIN-Rail mounting clips for easy snap clips on the rear side of the unit.
3. Attach the Power Supply connector (CON1) and make sure the power ratings are within product specifications.
4. Connect additional external connectors (CON2-4) according to specification related to the applicable application. This may include the following:
   * CAN bus (J1939)
   * All Faults
   * Switch Inputs
   * Magnetic Pickup
   * PT 100 Sensors
   * 4-20 mA Sensors
   * RIO Link
5. For improved sealing use a RJ45 connector cap.

   A Connector Kit (P/N: 1006479) with four Deutsch DT-connectors, crimp sockets and sealing plugs is available. See the Installation Manual for further information.

Configuration Steps

The DCU has a built in web server with access to a full configuration of the unit.

PC Connection/Setup:

- Connect via Ethernet using a Net Browser
- From the Address Field in the Browser, type the IP-Address. Factory Default is **192.168.0.101.**
- Then log in to the unit. Factory Default Username is '**DCU'** and Factory Default password is '**1234'**.

For further details and information, please see the Configuration Manual.

Responsibilites:

It is the *sole responsibility of the installer* to ensure that the installation work is carried out in a satisfactorily manner and meet all applicable rules and regulations.

Note:

Auto-Maskin continuously upgrades its products and reserves the right to make changes and improvements without prior notice.

Additional Documentation:

Please visit the Marine Pro 200 section of the Auto-Maskin web site for the following enhanced documentation:

- Installation Manual
- Configuration Manual
- User's Manual.

http://www.auto-maskin.com

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