What's in the Box?

1. DCU 210E in an ESD Bag
2. Cabinet Frame
3. Bag with fastening material
4. RJ45 Connector (IP rated)
5. Quick Installation Guide

⚠️ **Caution!**

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

User Interface Basics

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

auto MASKIN

Marine Pro. 200

Quick Installation Guide
DCU 210E   P/N 1006475
                             P/N 1006473

Engine Monitor and Control Panel

- 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
- Hi res 5.7" touchscreen suitable for use with gloves
- Ethernet and Modbus communication
- IP56 rated enclosure

Specifications

Measurements

Section	Width	Height	Depth	Unit
Size	167	135	68	mm
Cut out	155	123	90	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.

Rear side and Connectors

USB

RJ45, Ether-net

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

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.

Installation Steps

1. Remove the unit from the ESD Bag. Use the submitted Cabinet Frame and mount it in a suitable enclosure.
2. Attach the Power Supply connector (CON1) and make sure the power ratings are within product specifications.
3. 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
4. Use the submitted RJ45 Connector kit to ensure the IP rating.

   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.

Note:

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

Configuration Steps

At the first Power-Up the user will be guided through a Setup Wizard:

1. Language selection and your choice is valid through the rest of the procedure.
2. Network settings. Make sure to follow common network configuration practice and take care when several units need to operate within the same network.

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.

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