

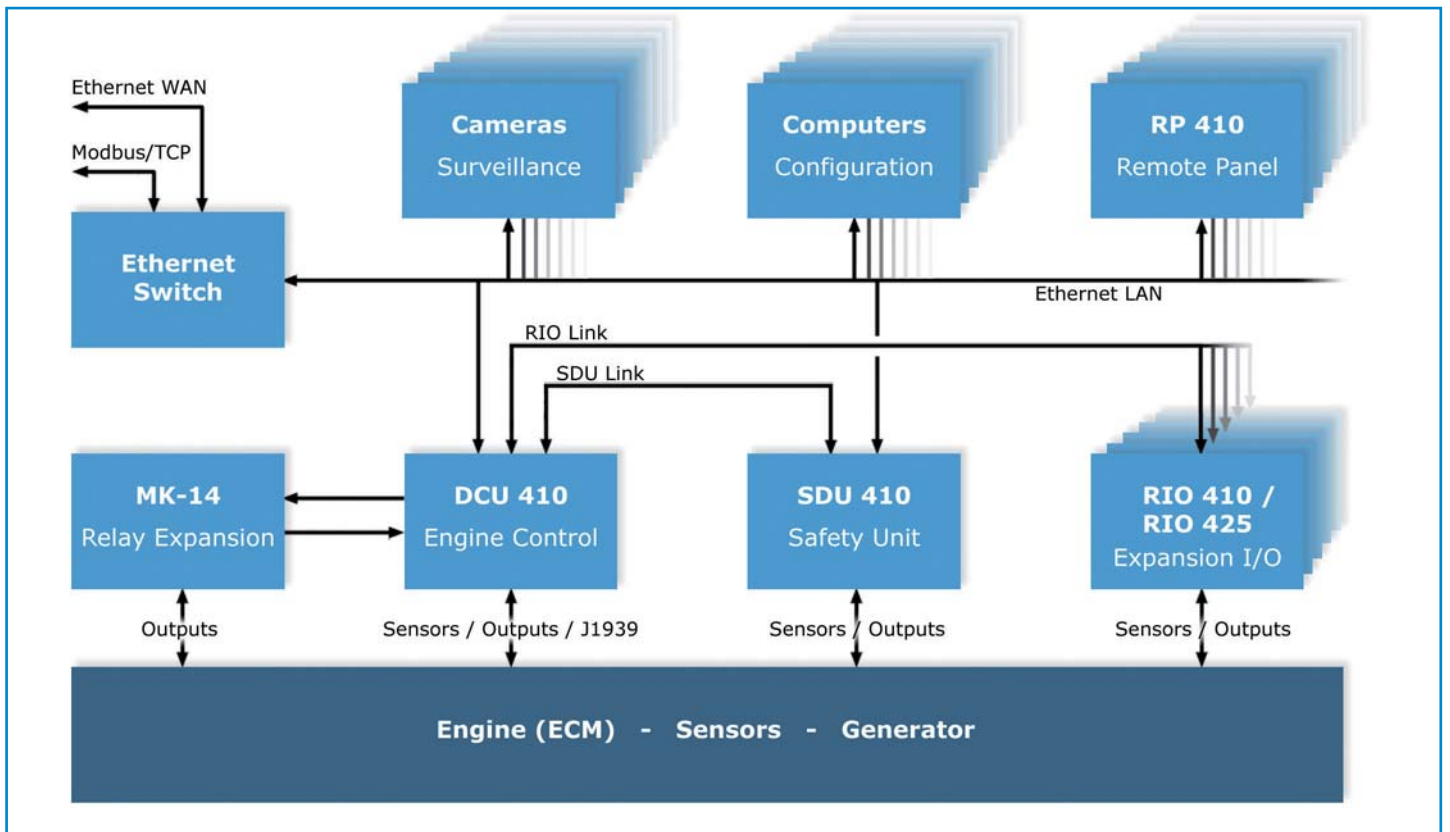


What is the RIO 425?

The RIO 425 is a dedicated interface module to allow parameters from an AC alternator to be displayed on the DCU units, the RP 410 and the Ethernet network. Capable of integrating with voltages of 520VAC phase-phase, and up to 300VAC phase-neutral, plus phase currents, the unit also measures Frequency, power factor and Total KWe. The unit also has easily configurable turn down ratio management for the required voltage and current transformers. Like all the Marine Pro units, the RIO 425 configures itself automatically when connected to the DCU, and can be configured independently if required. Class approved, with a simple display on the unit to assist troubleshooting, the RIO 425 makes the ideal accessory to the DCU in generating set applications.

Why more customers select the RIO 425

By being able to put AC parameters onto the DCU units and the RP 410, the need for separate displays for these indications disappear. Simpler installation, no additional panels, integrated look and data management are key reasons why specifiers choose the RIO 425. Configured via the DCU, installation and commissioning resources are greatly reduced, simplicity in configuring the unit for varying applications and voltages makes for reduced resources and skill sets during commissioning. The RIO 425 also places the parameters onto a data network that allows other ships systems to access these without dedicated converters, software and connections.



Features and Benefits



Simplified Generating Set build

- One supervision panel required
- Use of standard current and voltage transformers
- DIN rail mounting
- Single point sourcing
- Reduced wiring scope



Simplified Installation

- Easily configured turndown ratios
- Pre configured units supplied or customized locally
- Integrated Unit display on RIO 425 aids installation
- Common communication reduces interfaces



Ease of Communication

- Modbus communication to DCU via just two wires
- Configurable turn down ratios
- Configurable display on DCU and RP 410 units



Ability to Network

- Automatically configured by DCU
- Allows data to be placed upon an Ethernet network
- Single point for Alternator integration
- Ability to provide clear and immediate service data

Sales and Marketing

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Ordering Info

Item	Part Number
DCU 410:	1006450
DCU 408:	1006455
SDU 410:	1006451
RIO 410:	1006453
RIO 425:	1006457
RP 410:	1006452
MK-14:	1121252