



# RZ IMPERIUM

## Alarm Monitoring System

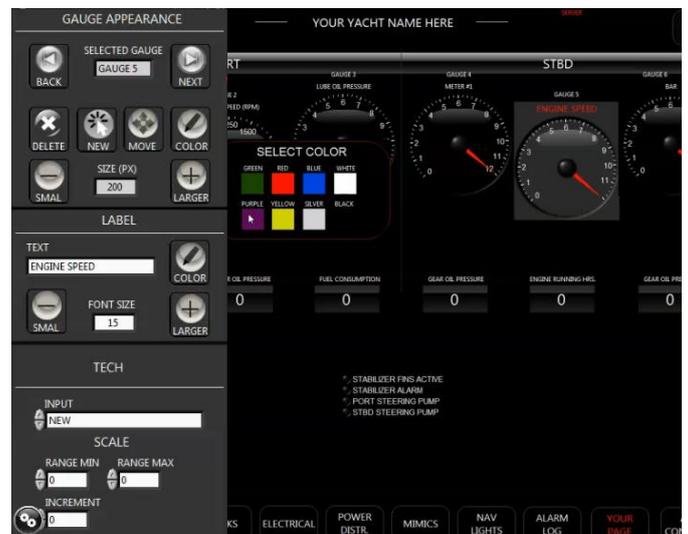


## RZ Imperium 64 / 128

Radio Zeeland DMP Imperium, is a brand new concept in vessel monitoring. The Imperium system uses a standard hardware package to create a monitoring system. The software pages of this system are fully customizable by its user. Imperium Vessel Monitoring is available in the 64 and 128 version. These numbers stand for the amount of in and outputs the system contains. Thus the RZ Imperium 64 is expandable to the RZ Imperium 128. With the use of two PC's the system is fully redundant, meaning that if one PC would fail, the other would take over all functions.

## Touch

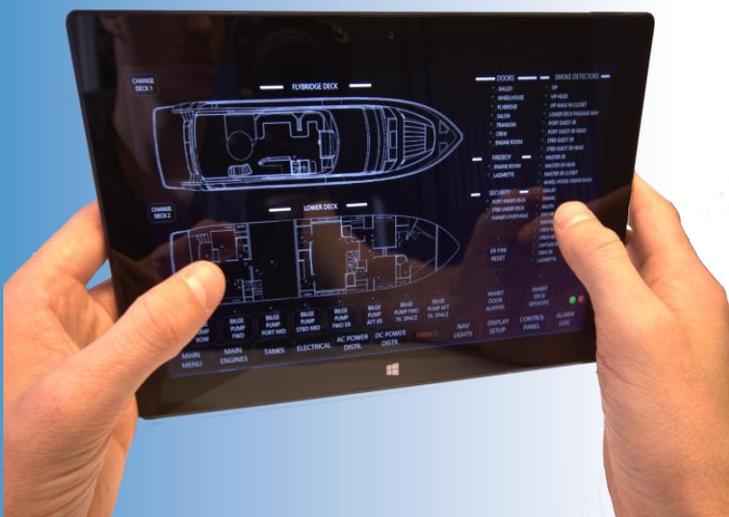
The RZ Imperium system is also available in combination with touch screen controls. This way the system has the exact same functionality, without the need for a pointer device. The system can be installed on a windows 7 or 8 based platform, so it can also be installed on Windows Surface tablets, provided that it is connected to a WiFi network.



## Customizable

RZ Imperium 64 and 128 both have 6 predefined software pages (templates), being the engine, bilge, tank, electrical/generator/batter, navigation lights and alarm log- page. Depending on the version 6 or 8 software pages can be fully customized to user preferences. The 6 predefined software pages or templates can be used when desired.

Gauges, numeric or analogue can be added and scaled, subsequently colors, size and position are easily defined with the customize tools. The RZ Imperium monitoring system allows it user to compose their own monitoring system for their vessel.



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## RZ Imperium 64

Hardware:

- One (1) RZ Imperium junction box, per box.
  - 1x 64 point Junctionbox ,
  - 1x SIGMA 1100 Engine monitor display (= 2x J1939),
  - 2x ModBUS IP input, up to 25 consecutive inputs or holding registers each. No conversion,
  - Redundant network switch,
  - Breakers.
- Two (2) i5 ruggedized marine PC,
- One (1) 19" touch screen display, high brightness,
- One (1) RZ license dongle.

Software:

AMS software with six (6) pre-defined pages. Upon install the customer can select the pages he wants to add. He can also add 2 fully customisable (empty) pages.

Pre-defined pages:

- Engine page
- Bilge page
- Tank page
- Electrical/generator/battery page
- Navigation lights page
- Alarm log



## RZ Imperium 128

Hardware:

- Two (2) RZ Imperium junction box, per box.
  - 1x 64 point Junctionbox ,
  - 1x SIGMA 1100 Engine monitor display (= 2x J1939),
  - 2x ModBUS IP input, up to 25 consecutive inputs or holding registers each. No conversion,
  - Redundant network switch,
  - Breakers.
- Two (2) i5 ruggedized marine PC,
- One (1) 19" touch screen display, high brightness,
- One (1) RZ license dongle.

Software:

AMS software with six (6) pre-defined pages. Upon install the customer can select the pages he wants to add. He can also add 8 fully customisable (empty) pages.

Pre-defined pages:

- Engine page
- Bilge page
- Tank page
- Electrical/generator/battery page
- Navigation lights page
- Alarm log

## Options

Tablet:

- One (1) Windows Surface Pro 64Gb tablet,
- One (1) RZ Imperium tablet application,
- One (1) WiFi access point.

Type approved system:

- Type approved software, displays and computers.

Cellular module:

- Sends alarms signals towards programmed phone numbers.

Dealer:



Product is subject to change without notice.