

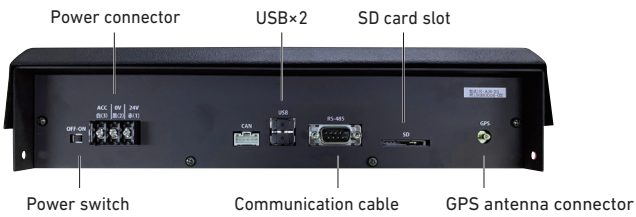
Specification

Wheel house monitor

- 300 mm×200 mm×70 mm
- 10.1 inch wide screen
- Touch pad type
- LED dimmer backlight
- Weight 3.0 kg



Connecting part
(bottom face of monitor)



Back face



Screw hole for installation (VESA 75 mm)

Engine room sensor unit



- 270 mm×182.5 mm×110 mm
- IP44 water prevention
- Weight 3.0 kg

Main components specification

- Wheel house monitor:
DC24V±20%, consumption current max. 2A, resin made
- Sensor unit:
DC24V±20%, consumption current max. 1A, sheet metal made
- Internal data storage memory: 128 GB
- Harness for each signal sensors: Length 5 m
- Communication cable & Monitor power cable: Length 30 m

Standard accessories



GPS antenna (cable length 10 m)



Fouling prevention cover



Installation bracket

Optional items



SCA. net
3G dongle



SCA. 920
communication module



Wheel house alarm gauge panel



- The information in this catalogue is as of October 2019. The specification, equipment of product and its appearance is subject to change for improvement without prior notice.
- The image and photos in this catalogue can be different from the standard supply item.
- Please read the instruction manual carefully and thoroughly before using the appliance, and then use it correctly.

Please contact to the below for further information.

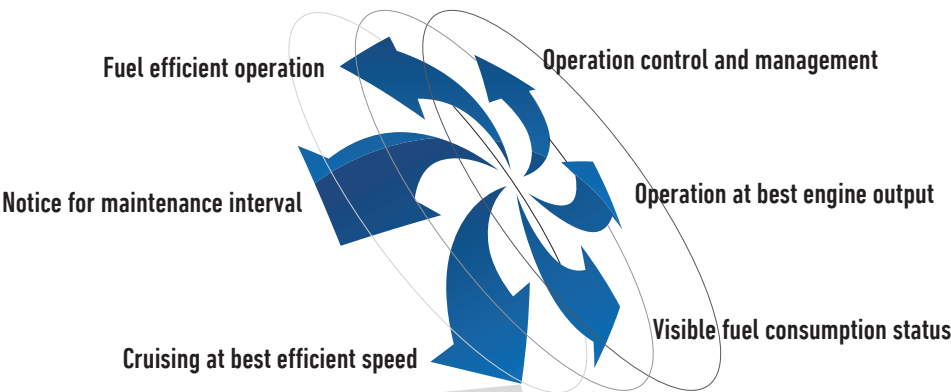
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MITSUBISHI MARINE ENGINE



NK Type Approved



Smart Cruising Assist supports efficient operation.

Smart Cruising Assist

Functions

Meter screen

- Engine revolution
- Intake air pressure
- Cooling water temperature
- Lube oil pressure
- Exhaust temperature
- Eco score
- Fuel consumption



Multi screen

- Engine revolution
- Engine output
- Vessel speed
- Instantaneous fuel consumption
- Average fuel consumption
- Cruising distance
- Time
- Available cruising distance
- Accumulated fuel consumption (liter ℓ, ¥)



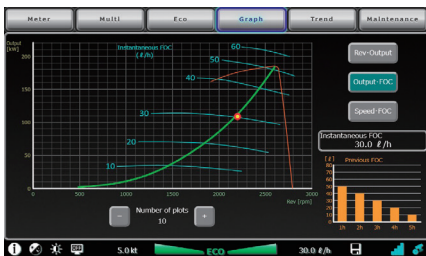
Eco screen

- Eco score history
- High load operating hours
- Cruising hours
- Average fuel consumption
- Eco score ranking
- Average load factor



Graph screen

- Revolution - Output
- Output - Fuel consumption
- Vessel speed - Fuel efficiency
- Plotting number setting
- Fuel consumption record



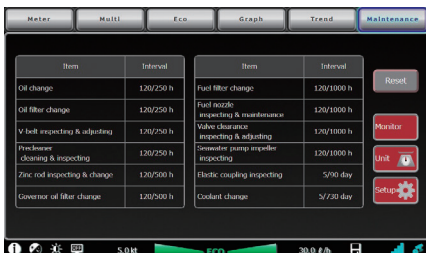
Trend screen

- Engine revolution
- Engine output
- Intake air pressure
- Estimated fuel consumption
- Exhaust temperature
- Cooling water temperature
- Lube oil pressure
- [data collected by each hour, day, month, year]



Maintenance screen

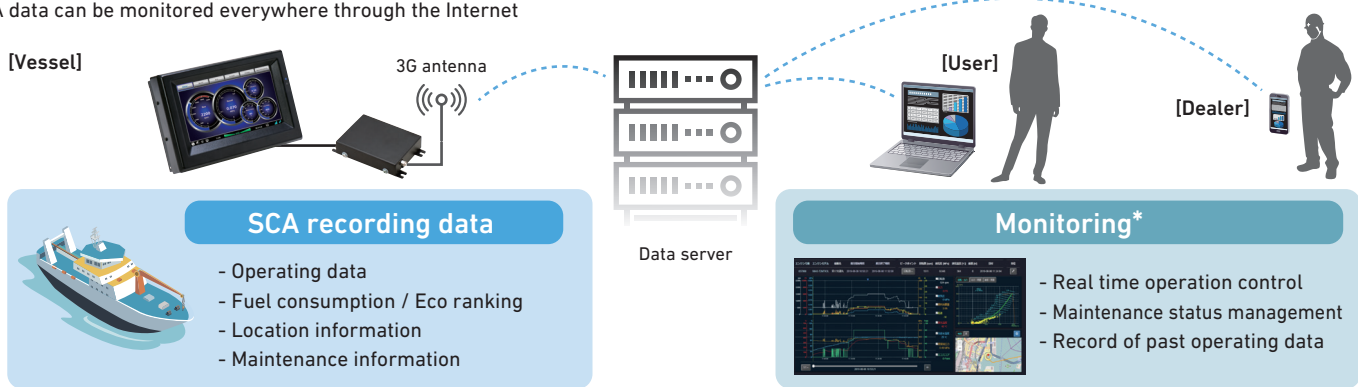
- Maintenance items
- Announcement for maintenance interval
- Maintenance record input



Optional items

SCA. net 3G communication tool

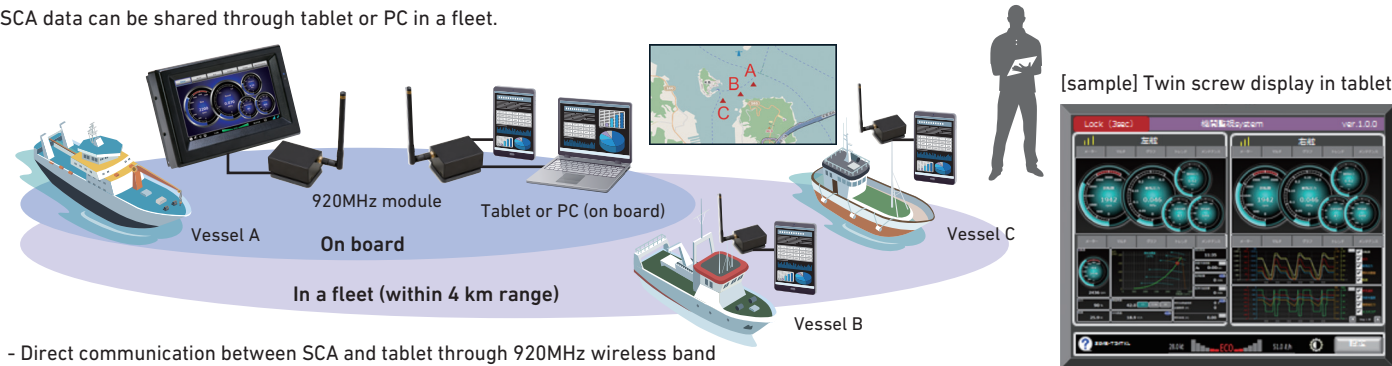
SCA data can be monitored everywhere through the Internet



*Contract and subscription fee will be required separately.
3G communication tool is subject to approval by authority for frequency in each country.
Please ask our dealers for further information.

SCA. 920 Close area communication

SCA data can be shared through tablet or PC in a fleet.



- Direct communication between SCA and tablet through 920MHz wireless band
- Engine operating data and alert monitoring is available anywhere on the vessel
- Engine operating data and alert monitoring for other vessels in the fleet is available.
- Monitoring for Maximum 15 units

*920 Close area communication is subject to approval by authority for frequency in each country. Please ask Mitsubishi distributors for further information.

Features

Strengthened monitor

- 10.1 inch wide monitor (resolution 1024 X 600) **[New!]**
- Higher visibility with clearer graphic **[New!]**

Class NK Type approved

- Class NK environmental and functional requirement passed and type approved **[New!]**

Easy installation

- Improvement for wiring arrangement **[New!]**
- Special bracket for installation in standard supply **[New!]**
- Fouling prevention cover for monitor in standard supply **[New!]**

Automatic recording of operation status

- Longer recording period with mass storage internal memory **[New!]**
- Improvement of operating plan and higher efficient operation realized by detailed operation record in the past
- Automatic notice for maintenance interval and parts replacement

Output and fuel consumption displayed in graph

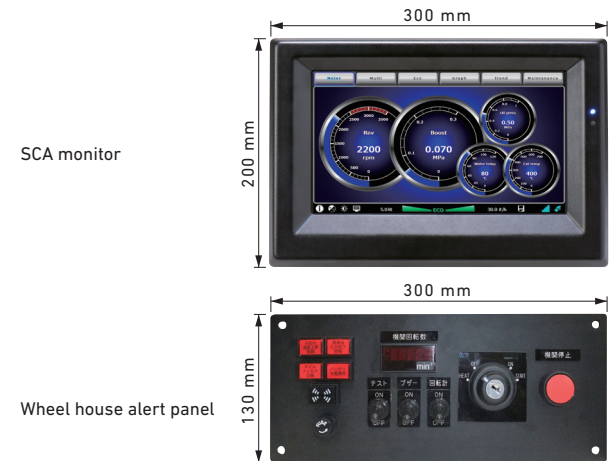
- Estimated fuel consumption calculated without expensive fuel flow meter
- Efficient operation realized by comparing vessel speed and fuel consumption
- Fuel saving result available.

Real time location information

- Vessel speed and cruising distance available by built-in GPS
- Estimated arrival time and cruising distance

SCA. panel SCA monitor as gauge panel

SCA monitor can be used as gauge panel for engine in wheel house.



- NK TYPE approved
- No need for analogue panel and need less space for installation
- Even in case of emergency (SCA monitor breakdown), the fundamental information (engine revolution and several alerts) can be checked by alert panel.

