



Nautitech is excited to release the new display unit for our Methane Master System



Old Display vs. HawkEye



- ✓ Same size as previous display
- ✓ Better graphics - full colour display
- ✓ Intuitive menu design
- ✓ 3x more data points & time stamped
- ✓ Easy to install
- ✓ Mission critical data at a glance
- ✓ For harsh environments where data is required

What our customers say....

"EPEC is very pleased with the new HawkEye display fitted to our Cummins 4.5L and 6.7L Diesel Engine Systems.

*The graphical menu is **quicker and easier** to use and the key information is now available to the operator without having to scroll through pages of data.*

*Security of Data is also important to EPEC and additional features in this area means **the data can be trusted.**"*

Mike - Operations Director
EPEC (Explosion Proof Engine Company)

CERTIFICATIONS



Functionality

- ✓ 3.5" (320x240) colour graphics display
- ✓ 18bit display with 16,000 colour palette
- ✓ Easier to navigate with new menu design
- ✓ RFID capable for driver licensing or tagging
- ✓ Magnetic key based interaction
- ✓ Led status indication for lower level function
- ✓ Full ARM32 RTOS operating system

- ✓ All crucial information displayed on homepage i.e temperatures, battery voltage, CH4 & last five messages = no more scrolling through pages
- ✓ Easier alerts with display colour changes
- ✓ Over 3x more time stamped data logs in real time
- ✓ Simple install, HawkEye is fully backwards compatible with all Nautitech Methane Master Systems
- ✓ Incorporates the RapidSense Ex ia CH4 sensor
- ✓ SD-Card for field upgrades of software and system upgrades over the CAN bus protocols
- ✓ SD-Card can be utilised for increased logging facility
- ✓ Graphics fully configurable to your layout preferences

Electrical

- ✓ Supply voltage = 12V - 24V DC
- ✓ Current = 250mA

Environmental

Operating temperature	-40°C to +60°C	External temperature	-55°C to +95°C
Storage temperature	-55°C to +95°C	External temperature	50G – 3Axis
Shock	50G – 3Axis	Bump	15G – 3Axis
Vibration	Random Vibration 3 Axis (7Hz-500Hz)	Humidity	5 – 95% non-condensing

IEC 60068-2-6 - Sinusoidal Resonance
 MIL-STD810G - Random Vibration
 IEC 60068-2-27 – Bump and Shock Test

Physical

- ✓ Robust 316 S/S enclosure
- ✓ IP66 (Ingress Protection rating)
- ✓ Multiple rear and side gland entries
- ✓ Australian designed, certified and assembled

Please contact Nautitech regarding cable specifications for your unique application.

