



PRESS RELEASE

12 April 2012

SmartDGA™ Gauge and EZHub for Conditioning Monitoring

Warsash Scientific is pleased to announce a cost-effective online monitoring solution based on proven, state-of-the-art non-dispersive infrared (NDIR) technology. The SmartDGA Gauge and EZHub from **LumaSense** are new products designed to allow customers to continuously monitor and control the condition of LTCs and transformers.

SmartDGA addresses three major challenges:

1. Price: most DGA monitors are too expensive to support wide-scale deployment, thus limiting the ability to realise a Smart Grid and true condition-based maintenance.
2. Flexibility: online DGA systems lack flexibility and the ability to accurately identify and mitigate faults.
3. Ease-of-Use: most monitoring technologies are cumbersome to install, maintain and service, leading to a poor overall user experience.

KEY FEATURES

- Easily install and maintain with compact modular design
- No consumables or carrier gases required
- No scheduled calibration required
- Design allows for vertical or horizontal mounting. Can be mounted on a single valve, two valves or in line with the filtration system
- Measure and monitor ethylene and acetylene to assess LTC health
- Software provides gas ratios and condition codes to monitor LTC condition using recent advances in IEEE C57.139 and CIGRE WG D1.31
- Available with fully integrated communications infrastructure for Smart Grid deployment

SmartDGA GAUGE

The SmartDGA™ Gauge is the industry's first dedicated online load tap changer (LTC) condition monitor. It offers the best value for online LTC condition monitoring.

- Continuous online condition monitoring for your load tap changers (LTC)
- Ability to find coking and other faults
- Hassle-Free Installation
- No routine maintenance or calibration
- No requirement for carrier gas
- Ability to monitor ethylene and acetylene to assess LTC health
- Vertical or horizontal mounting.
- Installation on single valve, dual valve or in line with filtration system
- Great price

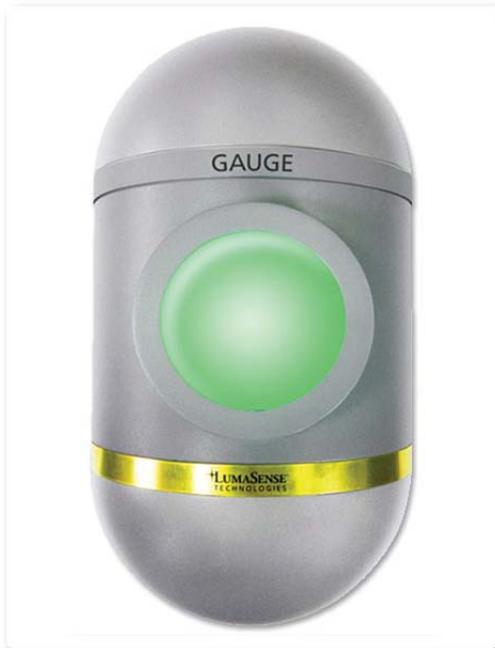
EZHUB

The EZHub makes online DGA easy by simplifying installation and connectivity. EZHub is an innovative concept to save money and time during SmartDGA installations and provide quick diagnostics on unit.

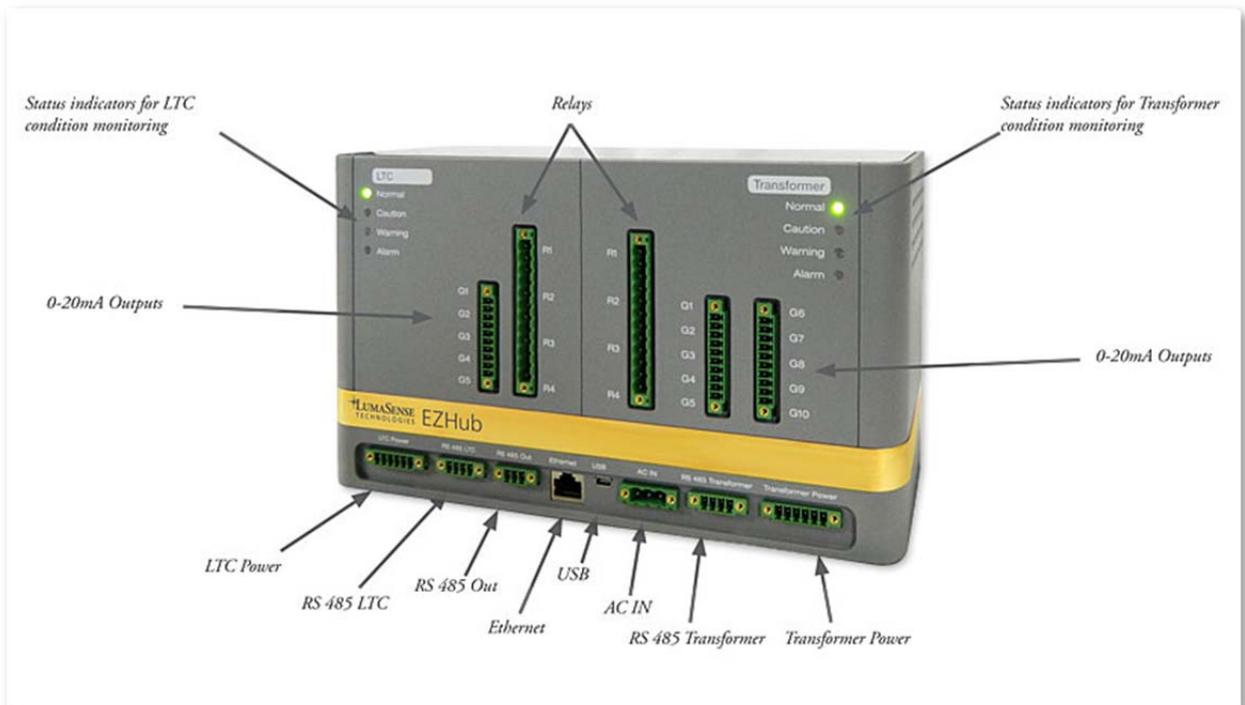
- Single point connectivity for power and communications to SmartDGA gas monitors
- Status indicators for each instrument

- Ability to set up instrument from laptop using included software
- Rapid data download using USB
- 2 years memory storage
- Modular design for easy upgrades
- Simple face plate connections

For more specifications and information on the SmartDGA Gauge or EZHub, contact Warsash Scientific on +61 2 9319 0122 or sales@warsash.com.au.



SmartDGA GAUGE



SmartDGA EZHub