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LINEAR HEAT DETECTION SENSING (LHDS) SYSTEMS & MONITORING

DETECT TEMPERATURE CHANGES OF JUST

0.01°C

RECORD TEMPERATURE DATA EVERY **1** METER

RESPOND DYNAMICALLY IN EMERGENCY RATING SITUATIONS WITH UPDATE INTERVALS OF **10** SECONDS

FULL COVERAGE OF LONG DISTANCE ASSETS WITH CONTINUOUS MONITORING FOR UP TO **45** KILOMETERS

FIBRE OPTIC LINEAR HEAT DETECTION SYSTEM (LHDS) FOR MONITORING POWER TUNNELS, RAILWAY TUNNELS AND MINE CORRIDORS

DISTRIBUTED FIBRE OPTIC SENSORS by Sensornet, a Nova Metrix company
Sensornet Limited | London | United Kingdom | www.sensornet.co.uk

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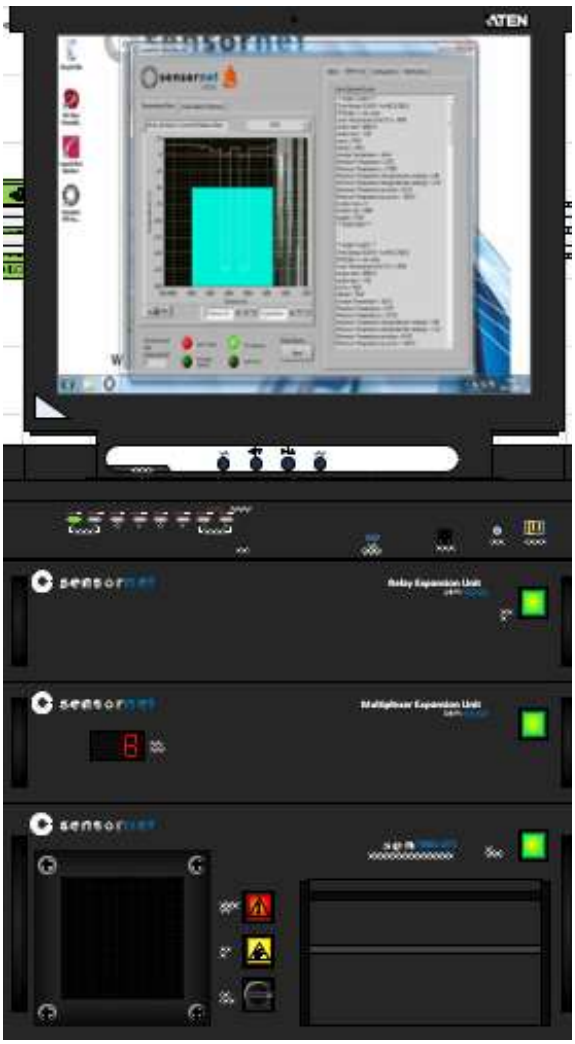

Physical dimensions*

Height: 213cm
Width: 82cm
Depth: 84cm
Weight: 310kg

*standard 19" rack cabinet, subject to change

Multiple channels

4, 8 and 16 channel multiplexer modules available to increase system flexibility.

Communication options

Alarms Functionality: User configurable zones and alarms available to tie in to SCADA. MODBUS/OPC/WITSML data formats. Relay contact module also available.

Operating environment

Operating Temp.: +5oC to +40oC
Storage Temp.: -15oC to +65oC
Humidity: 5% to 95% relative humidity, non-condensing.

Power requirement

AC Power: 100V – 240V, 50Hz – 60Hz
Power consumption: 900W maximum

BE SURE WITH SENSORNET

Sensornet offers the widest range of DTS systems to meet the stringent requirements for temperature monitoring and heat detection in linear assets with our Linear Heat Detection Sensing (LHDS) systems designed for Railway Tunnels, Power Tunnels, Mine corridors and many more.

Our systems are ATEX certified and suitable for hazardous areas installation.

We offer our LHDS systems in the Sentinel DTS version as pictured above or the Halo DTS and Oryx+ version.

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