

# LX Eng 80

A high end Engine monitoring system

## 1 General description

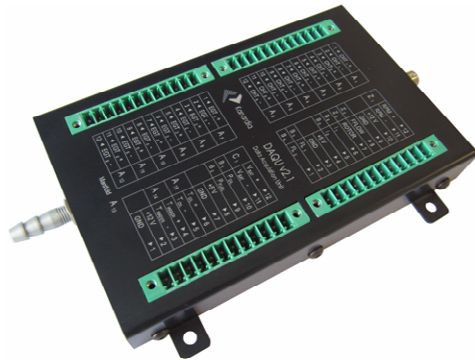
This configuration consists of DAQU engine box and one 80 mm air norm unit called EMSIS. EMSIS is direct connectable to DAQU box. Engine data are displayed on a perfect sunshine readable colour display.

## 2 System configuration

### 2.1 DAQU Box

DAQU box main function is data acquisition process of sensors analogue values. The unit comes in an aluminum case and this makes possible to be installed on the engine side of the fire wall. This makes installation works extremely easy, as all sensor cables ends close to the sensor positions. Only one data cable should pass the fire wall. Sensor capacity is as follows:

- 6x CHT
  - 6x EGT
  - RPM
  - rotor RPM
  - fuel flow
  - 2x fuel level
  - oil pressure
  - fuel pressure
  - pressure sensor for MAP is an integral part
  - 2x oil temperature
  - 2x coolant temperature
  - 2x battrey
- Size: 120x75 mm, weight 150 gr



### 2.2 EMSIS

EMSIS main function is presentation of engine data on a sunshine readable 2.8 inch colour display. The unit is directly connectable to DAQU box via CAN bus. For eventually data transfer an SD card slot is foreseen. Size: 80 mm air norm, installation depth 50mm weight 300 gr.



### 3 System schematics

