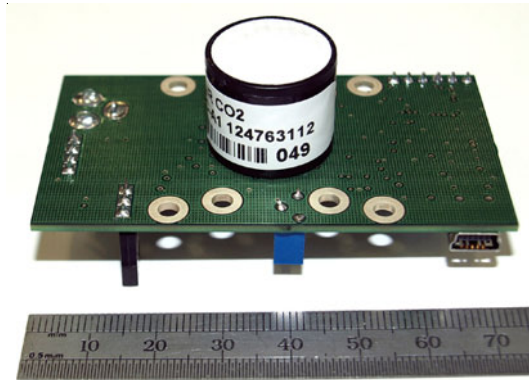
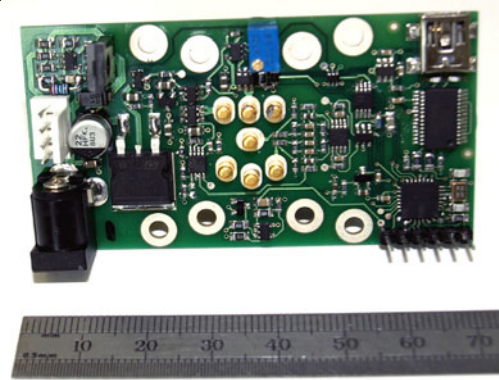


IRC-TM NDIR CO₂ TRANSMITTER PCB

Technical Specification



Top view



Base view

- ▶▶ Both 4-20mA and USB output
- ▶▶ Uses Alphasense IRC-A1 NDIR cell
- ▶▶ Adjustable bulb voltage to optimise long-term stability vs. resolution
- ▶▶ Optional gas hood available

Four ranges
 0-5,000ppm
 0-5% vol CO₂
 0-20% vol CO₂
 0-100% vol CO₂

Please specify required range when ordering

Excellent linearity/accuracy ±50ppm from 5,000ppm at 20°C using generic linearisation
 Full sensor specification see IRC-A1 data sheet

USB interface plugs directly into PC for simple data capture
 4-20mA output 4-wire or 2-wire and separate power supply (2.1mm DC socket)

Power options USB port (4-20mA output switched off)
 2.1mm DC socket 7 to 40VDC
 Molex connector 7 to 40VDC



NOTE: all sensors are tested at ambient environmental conditions, unless otherwise stated. As applications of use are outside our control, the information provided is given without legal responsibility. Customers should test under their own conditions, to ensure that the sensors are suitable for their own requirements.

深圳市新世联科技有限公司