



IRC-TX

NDIR CO₂ Transmitter Circuit Board



top view Top view



bottom view Bottom view

4~20mA output and USB output

Use Alphasense IRC-A1 NDIR sensor

The bulb voltage can be adjusted to optimize long-term stability and resolution

range	0~5000ppm 0~5% vol CO ₂ 0~20% vol CO ₂ 0~100% vol CO
<i>Specify the range when ordering</i>	
Good linearity/precision	Using the general linear coefficient, 5000ppm is ±50ppm (20°C) see IRC-A1 parameter table
Complete sensor parameters	
USB interface	Connect directly to the PC for simple data collection
4~20mA output	Four wire or two wire and single power supply (2.1mm DC plug)
Power supply selection	USB port (4~20mA output off) 2.1mm DC plug 12~40VDC Molex connectors 12~40VDC

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