



Series 300 & 305 Monitor & Controller

Features

- High accuracy & functionality
- External control signals
- Rapid T90 response
- Ergonomic design
- High & low alarm
- Temperature & humidity
- Remote sensor capability
- Portable & wall mountable
- Interchangeable sensor heads



Specifications

Base unit (Series 300 & 305)

Measurement units	ppm or mg/m ³
Reading functions	Minimum / Maximum / Average / ST-15
Removable / replaceable sensor head	Yes
Onboard alarm (high & low)	Yes - user configurable set points
Alarm mute function & status display	Yes
Low battery indicator	Yes
Sensor condition status	Yes
Stand-by mode	Yes
External signal for alarms & control	Yes - transistor output, 150 mA max
External signal functions	Low Alarm, High Alarm & Control
Analogue output	0 - 5 V
Power supply	12 VDC, 800 mA - power adaptor supplied
Rechargeable long-life battery	Ni-MH 9.6 VDC; 2100 mA/h
Wall mountable	Yes - use R33 wall bracket
Remote sensor capability	Yes - use R10 or R13 remote kit
Enclosure material / rating	PC & ABS / IP20 & NEMA 1 equivalent
Size (with sensor head)	195 x 122 x 54 (mm); 7 ⁷ / ₈ x 4 ³ / ₈ x 2 ¹ / ₈ (in)
Weight (with sensor head & battery)	< 460 g; < 16 oz
Approvals	Part 15 of FCC Rules EN 50082-1: 1997 EN 50081-1: 1992



Temperature and Humidity Sensors (Series 305 only)

Sensors	Accuracy	Resolution	Range
Temperature	± 0.3 [K] @ 25°C	0.04 min.	-40°C - 124 °C; -40°F - 255°F
Humidity	± 1.8% RH	0.4 min.	0 - 100% RH