# aeroqual

# Use remote sensor kit

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## INTRODUCTION

The standard remote sensor kit (AS R10) and IP-rated remote sensor kit (AS R13) allow a sensor, connected by a CAT 5 cable, to be located up to 14 metres (46 feet) away from a monitor base.

Both kits are compatible with handheld monitors (Series 200/300/500) and indoor fixed monitors (Series 900/930).

### **PARTS:**

- Standard remote sensor kit (1)
- IP-rated remote sensor kit (1)

#### Step 1 — Standard kit parts



- The standard remote sensor kit (AS R10) comes with a circular base, a sensor adapter and a 2m CAT5 cable.
- It uses <u>standard (Type 1) sensor</u> <u>heads</u>.
- (i) The kit doesn't include the handheld monitor shown in this image.

#### Step 2 — Connect standard kit



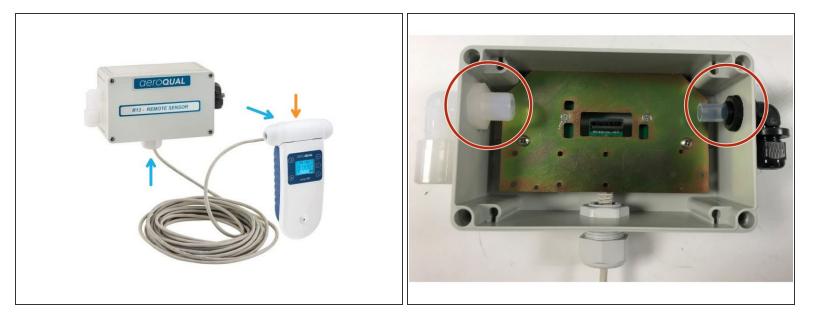
- Plug one end of the CAT5 cable into the circular base and the other end into the sensor adaptor.
- Place the sensor adaptor onto the handheld or fixed monitor.
- Place the gas sensor head onto the circular base.
- Turn on the monitor and start taking measurements.

### Step 3 — IP-rated kit parts



- The IP-rated remote sensor kit (AS R13) comes with an IP41-rated enclosure, a sensor adaptor and 10m of CAT5 cable.
- The CAT5 cable comes preconnected through a cable gland into the enclosure.
- The enclosure uses <u>gas sensor</u> <u>heads that fit inside the enclosure</u> (Type 2).
- (i) The kit doesn't include the handheld monitor shown in this image.

#### Step 4 — Connect IP-rated kit



- Ensure the cable gland is tightened securely then connect the other end to the sensor adaptor.
- Place the sensor adaptor onto the handheld or fixed monitor.
- To place the gas sensor head inside the IP-rated enclosure:
  - Remove the enclosure lid.
  - Loosen the elbow nuts inside of the enclosure and slide the elbows outwards to make room for the sensor head connectors.
  - Plug in the sensor head, then slide the elbow connectors onto the sensor head connectors.
  - Ensure the nozzles are tightly secured on the inlet and outlet of the sensor head.
- Turn on the monitor and start taking measurements.

For further support, contact <u>Technical Support</u>.