

GenII External RH and Temperature Transmitter Type OD13E and OD14E

Eltek

SPECIALIST DATA LOGGERS

The **OD13E** is an IP65 rated polycarbonate enclosure with self powered GD13E transmitter, Stevenson screen and RH/temperature probe.

The **OD14E** is equipped with transmitter type GD14E to provide additionally 2 x thermistor temperature inputs. The enclosure is provided with 4 fixing holes that are accessible when the cover is fitted.

The transmitter has a conformal coating in order to provide increased protection against moisture.

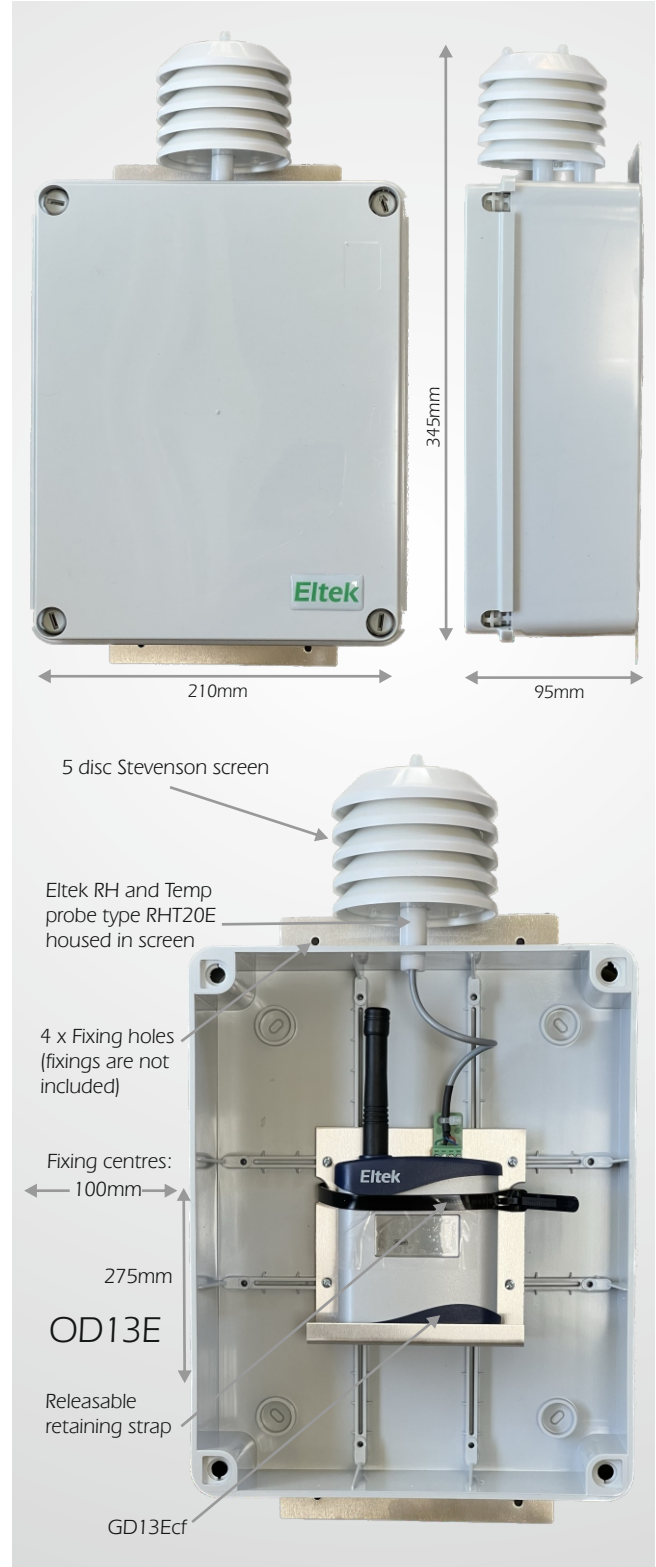
Specification

Operational temperature range: -40 to +70°C
 RH: Accuracy: $\pm 1.5\%$ (0 to 80%RH)
 $\pm 2.0\%$ (80 to 100%RH)
 Resolution: 0.1%RH
 Temperature dependence: Typically 0.03%RH / °C
 Temp: Accuracy: $\pm 0.1^\circ\text{C}$ (+20 to +50°C)
 $\pm 0.3^\circ\text{C}$ (-20 to +70°C)
 Resolution: 0.1°C

Battery endurance: >2 years (Tx interval 5 minutes)
 OD14E only (provides 2 x additional thermistor inputs)

Range	Resolution	Accuracy
(-15 to +40°C)	0.1°C	$\pm 0.2^\circ\text{C}$
(-29 to +65°C)	0.2°C	$\pm 0.4^\circ\text{C}$
(-36 to +70°C)	0.3°C	$\pm 0.6^\circ\text{C}$
(-40 to -36°C)	0.4°C	$\pm 0.8^\circ\text{C}$

Mounting Considerations



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