

GenII transmitter for external RH and temperature with input for pyranometer Types OD43JS (wall mount) and OD43JSPM (pole mount)

The OD43JS/OD43JSPM is an IP65 rated polycarbonate enclosure containing a self-powered GD43JS transmitter, Stevenson screen and RH/temperature probe. The transmitter has inputs for: RH/temp probe

External temperature
Voltage (for a pyranometer)

The voltage input can be used with Skye instruments SKS1110 or Kipp and Zonen CMP3 pyranometer. The OD43JS enclosure is provided with 6 fixing holes that are obscured when the cover is fitted. The OD43JSPM is fitted with a 25mm diameter pole adapter.

Specification

Operational temperature range: -30 to +60 degrees C

RH/temperature probe specification

RH: Accuracy: $\pm 2\%$ (0-90%RH) $\pm 3\%$ (0-100%RH)
Resolution: 0.1%RH

Temperature dependence: Typically 0.03% RH/ °C

Temp: Accuracy: $\pm 0.3^\circ\text{C}$ (+5 to +40°C)
 $\pm 0.4^\circ\text{C}$ (-20 to +60°C)
 $\pm 0.3^\circ\text{C}$ (+5 to +40°C)
 $\pm 0.4^\circ\text{C}$ (-20 to +60°C)

RH and temp measured every 5th transmission interval.

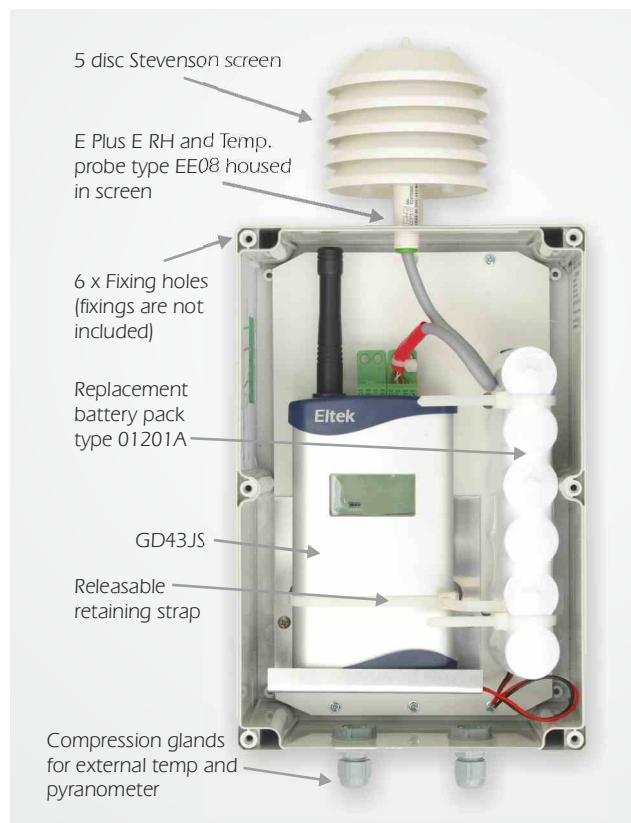
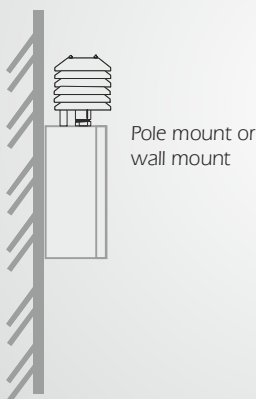
Battery endurance: > 1 year (Tx interval 5 minutes)

Thermistor input range specification

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	$\pm 0.8^\circ\text{C}$

Voltage input range: 0-30mV (other ranges available POA)

Mounting Considerations



CE **Guarantee:** Equipment manufactured by Eltek is guaranteed against faulty materials or workmanship for three years. For repairs carried out under guarantee, no charge is made for labour, materials or return carriage.

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