

GenII External Pyranometer Transmitter Type OD41A

The OD41A is a weatherproof (IP65 rated) polycarbonate enclosure, primarily intended for wall mounting and is supplied with the self powered GS41Acf transmitter installed. The GS41Acf is for use with a pyranometer.

Easy to use customised data loggers

The transmitter can be installed together with an additional battery pack (type SP1118) for greater than 2 years operation and where very fast data logging is a requirement. A single base fitted compression gland is for the pyranometer cable access. The enclosure is provided with 4 fixing holes that are obscured when the cover is fitted. The pyranometer should be ordered separately.

Specification

Operational temperature range:	-30 to +60 degrees C
Battery endurance Standard built in battery:	> 1 year (Tx interval 60 seconds)
Battery endurance Optional external 6 x C welded battery pack type SP1118	> 2 years (Tx interval 30 seconds)

The GS41Acf transmitter provides one physical input with a range 0-15mV. Scaling is standard. The GS41Acf presents three channels to the logger:

		Range	Resolution
A: Physical input:	Instantaneous value at transmission	0-1500 W/m ² (0-15 mV input)	0.375 mW/m ²
B: Calculated channel:	Average value (5 minute rolling average with 30 second sample)	0-1500 W/m ² (0-15 mV input)	0.375 mW/m ²
C: Calculated channel:	Cumulative (integrated) value	0-65,000 Wh	-

Note GS41Acf can be used with RX250 receiver/loggers and WSR or RC250 receivers



Pyranometer Options



Kipp and Zonen CMP3

Skye Instruments SKS1110 and SKM221 levelling Unit



Either can be used with predrilled pole mounting bracket type PYRoBkt



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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