



For ZW Series
'system'
information and
sensors see
Tempcon Data
Sheet D243



HOBO[®] ZW-001-EU Wireless Data Node (Internal Temperature Sensor)

ZW Series Wireless Data Nodes offer simplified monitoring of energy use and environmental conditions in buildings. A Receiver (ZW-RCVR-EU) & HOBOWare software, plus a Router (ZW-ROUTER-EU) are required for most applications.

Data Node: Single-channel Temperature

Buffer memory: approx. 5k measurements

Sample rate: 1 min to 18 hrs

Transmission rate: 2 min and greater

Power options:

AC power adapter, battery backup

Measurement range:

Temp: -20 to 70°C (-4 to 158°F) when line powered, -20 to 50°C (-4 to 122°F) when battery powered.

Accuracy:

Temp: ±0.54°C typical over 0 to 50°C (±0.97° F over 32 to 122°F) when line powered, ±0.21°C over 0 to 50°C (±0.38°F over 32 to 122°F) when battery powered.

Operating Range:

Temp: -20 to 50°C (-4 to 122°F) when battery powered, -20 to 70°C (-4 to 158°F) when line powered.

RH: 5%-95% non-condensing

Resolution:

Temp: 0.02° C @ 25° C (0.04° F @ 77° F)

Response Time:

Temp: 5 min. in air moving 1 m/sec (3.3 ft/sec)

Range:

Approx. 100m (300ft.) depending on obstructions or interference

Weight: 138g (4.87 oz) with batteries

Dimensions: 96.5 x 108 x 28mm (3.8 x 4.25 x 1.1 in)

Radio Power: 1.6 mW (2 dBm)

Wireless data Standard: IEEE802.15.4 2.4 GHz band

Description

ZW Series Data Node
UK Power Supply

Order Code

ZW-001-EU
CS261

HOBO[®] ZW-003-EU Wireless Data Node (Internal Temperature/RH)

ZW Series Wireless Data Nodes offer simplified monitoring of energy use and environmental conditions in buildings. A Receiver (ZW-RCVR-EU) & HOBOWare software, plus a Router (ZW-ROUTER-EU) are required for most applications.

Data Node: Two-channel Temp/RH

Buffer memory: approx. 4k measurements

Sample rate: 1 min to 18 hrs

Transmission rate: 2 min and greater

Power options:

AC power adapter, battery backup

Measurement range:

Temp: -20 to 70°C (-4 to 158°F) when line powered, -20 to 50°C (-4 to 122°F) when battery powered.

RH: 5 to 95% RH

Accuracy:

Temp: ±0.54°C typical over 0 to 50°C (±0.97° F over 32 to 122°F) when line powered, ±0.21°C over 0 to 50°C (±0.38°F over 32 to 122°F) when battery powered.

RH: ± 2.5% from 10 to 90% typical, max. +/- 3.5%

Operating Range:

Temp: -20 to 50°C (-4 to 122°F) when battery powered, -20 to 70°C (-4 to 158°F) when line powered.

RH: 5%-95% non-condensing

Resolution:

Temp: 0.02° C @ 25° C (0.04° F @ 77° F)

RH: 0.03%

Response Time:

Temp: 5 min. in air moving 1 m/sec

RH: 10 min. in air moving 1 m/sec

Range:

Approx. 100m (300ft.) depending on obstructions or interference

Weight: 138g (4.87 oz) with batteries

Dimensions: 96.5 x 108 x 28mm (3.8 x 4.25 x 1.1 in)

Radio Power: 1.6 mW (2 dBm)

Wireless data Standard: IEEE802.15.4 2.4 GHz band

Description

ZW Series Data Node
UK Power Supply

Order Code

ZW-003-EU
CS261

