

# WG - SLB

## WIRELESS SLEEPER

(Battery powered, non-routing)

The WG 2.4GHz wireless battery-powered sleeper is a standalone device that integrates seamlessly with Texmate WG mesh networks. It sends data to the base node at user-configured intervals, and conserves power by sleeping for the rest of the time.

This unit is the ideal solution for industrial low speed and long term data collection, and offers expanded network topology options and added functions to an existing WG network.

- 2 LED's for network status & error indication
- Antenna (not shown in image)
- USB prog. IP jack
- Reset button
- 35mm DIN rail case 101 x 45 x 120mm (H x W x D)



## RF SPECIFICATION

<b>RF data rate</b>	250Kb/s
<b>RF frequency</b>	2405-2485MHz
<b>RF channel</b>	16
<b>Spreading method</b>	Direct sequence
<b>Modulation</b>	O-QPSK
<b>Nodes</b>	Up to 32 sleepers in total (incl. WG-SLR)
<b>Tx range</b>	~80m (line of sight)
<b>Tx power</b>	+4.5dBm
<b>Rx sensitivity</b>	-100dBm

<b>Voltage</b>	3V DC lithium battery or 9-35V DC power supply
<b>Operating temp.</b>	-40-+85°C
<b>Sleep period</b>	1, 2, 5, 15, 30 or 60 minutes (Dip switch selectable)
<b>Dual analogue input channels</b>	USB programmable: Current (0/4-20mA) Voltage (0-10V) T/C (universal) RTD (Pt100/1000)

CODE

DESCRIPTION

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WG Range wireless sleeper (battery powered, non-routing)