

# Zigbee Wireless Range Extender

The Zigbee Wireless Range Extender is an easy-to-install, plug & play Zigbee USB dongle that can be used to extend the range of Enphase Zigbee Network established between the IQ Gateway, the IQ System Controller (in grid agnostic systems only) and IQ Batteries. Simply insert the Enphase Zigbee Wireless Range Extender dongle into the USB port of a 5V, 1A USB charger from either Apple or Samsung, like the ones used for cell phones. Power block not included.

## Specifications



SPECIFICATION	NORTH AMERICA	EMEA
<b>SKU</b>	<b>COMMS-24-EXT-01</b>	<b>COMMS-24-EXT-INT-01</b>
<b>Performance</b>		
Transmit Power Output (Nominal 25°C)	<b>79 mW (+19 dBm)</b>	<b>6.3 mW (+8dBm)</b>
RF Data Rate	<b>250 Kbps</b>	
Receiver Sensitivity	<b>-103 dBm</b>	
<b>Power Requirements</b>		
Supply Voltage	<b>5V from USB power block</b>	
Transmit Current	<b>145 mA</b>	<b>45 mA</b>
Receive Current	<b>26 mA</b>	
<b>General</b>		
Frequency Band	<b>2.4 GHz ISM</b>	
Dimensions (L x W x H)	<b>2.29 in x 0.80 in x 0.44 in</b>	<b>5.83 cm x 2.03 cm x 1.12 cm</b>
Operating Temperature	<b>-40° C to +85° C</b>	
Connector	<b>USB Type A</b>	
Antenna	<b>Internal</b>	
<b>Regulatory Approvals</b>		
	<b>FCC Part 15.247 (USA)</b>	<b>CE (EMEA)</b>
	<b>IC (Canada)</b>	