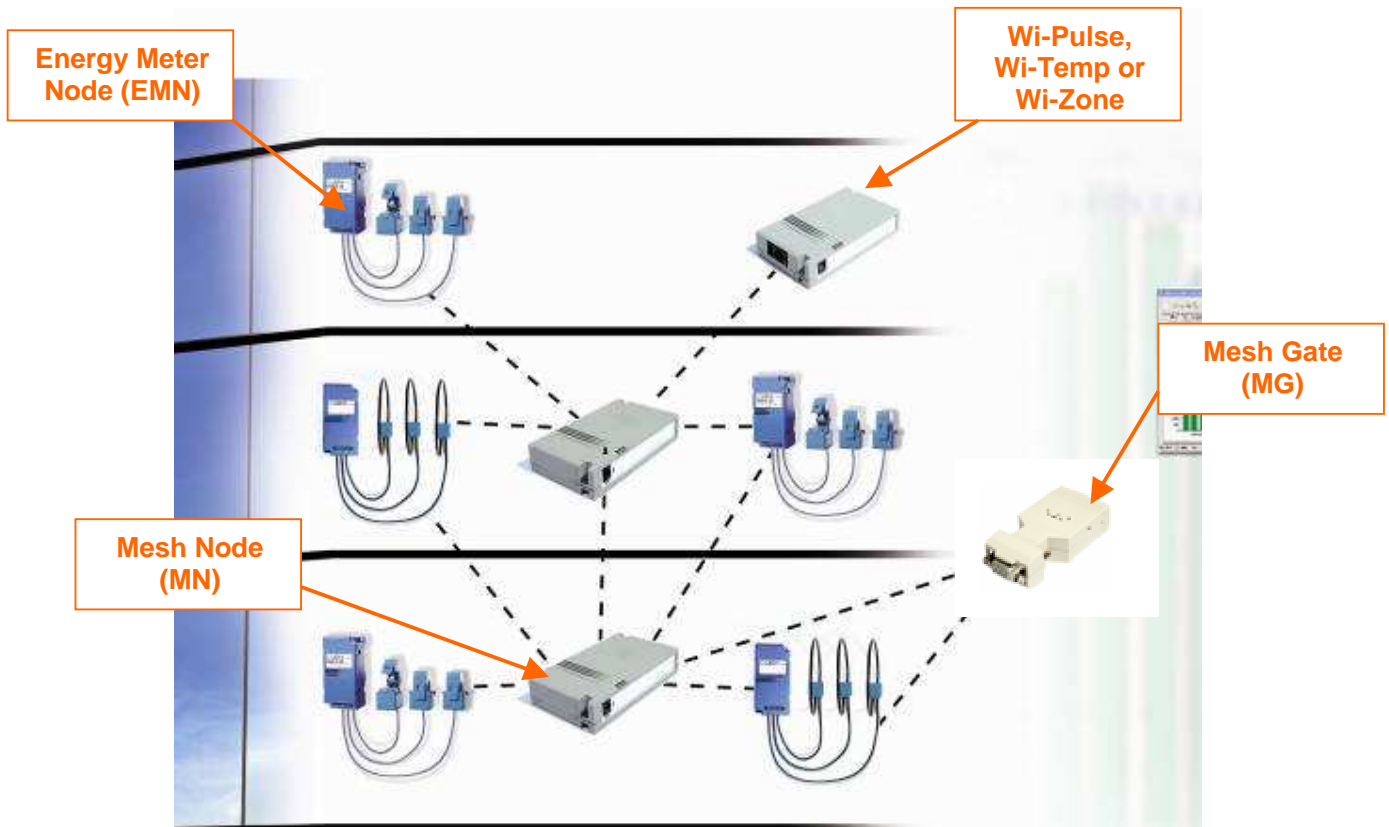


Wi-LEM Selection Guide

The Wi-LEM is a complete wireless data acquisition platform for Energy Monitoring as shown below:





Energy Meter Node (EMN):



with current transformers.

Voltage: 300 VAC (L1 to Neutral)

		RATING	
		20A	100A
Network Configuration	Wye - 4 wires 	EMN 20 W4 90.C7.17.600.0	EMN 100 W4 90.C7.34.600.0
	Wye - 3 wires 	EMN 20 W3 90.C7.17.500.0	EMN 100 W3 90.C7.34.500.0
	Wye - 2 wires 	EMN 20 W2 90.C7.17.400.0	EMN 100 W2 90.C7.34.400.0
	Wye - 3 x single phase 	EMN 20 W0 90.C7.17.300.0	EMN 100 W0 90.C7.34.300.0
	Delta - 3 wires 	EMN 20 D3 90.C7.17.100.0	EMN 100 D3 90.C7.34.100.0



Voltage: 480 VAC (line to line)

External 24VDC power supply

Network Configuration	RATING
	100A
	<p>EMN 100 D3/SP2</p> <p>90.C7.34.102.0</p>



with Rogowski coil.

Voltage: 300 VAC (L1 to Neutral)

Network Configuration	RATING			
	200A	500A	1000A	2000A
<p>Wye - 4 wires</p>	<p>EMN 200 W4</p> <p>90.C7.44.600.0</p>	<p>EMN 500 W4</p> <p>90.C7.50.600.0</p>	<p>EMN 1000 W4</p> <p>90.C7.60.600.0</p>	<p>EMN 2000 W4</p> <p>90.C7.69.600.0</p>
<p>Delta - 3 wires</p>	<p>EMN 200 D3</p> <p>90.C7.44.100.0</p>	<p>EMN 500 D3</p> <p>90.C7.50.100.0</p>	<p>EMN 1000 D3</p> <p>90.C7.60.100.0</p>	<p>EMN 2000 D3</p> <p>90.C7.69.100.0</p>



Voltage: 480 VAC (line to line)

External 24VDC power supply

		RATING			
		200A	500A	1000A	2000A
Network Configuration		EMN 200 D3/SP2	EMN 500 D3/SP2	EMN 1000 D3/SP2	EMN 2000 D3/SP2
		90.C7.44.102.0 (On request)	90.C7.50.102.0	90.C7.60.102.0 (On request)	90.C7.69.102.0



Mesh Gate:

The Mesh Gate reference is changing according to the maximum number of EMN managed and the RF power.

Long Range (L): RF power 10 mW

Reference Name	Description	LEM code
MESH GATE 6424 10L ID 170	Maximum number of Nodes: 10	90.D2.98.043.0
MESH GATE 6424 100L ID 200	Maximum number of Nodes: 100	90.D2.98.044.0
MESH GATE 6424 200L ID 220	Maximum number of Nodes: 200	90.D2.98.045.0

Extra Long Range (XL): RF Power 100 mW **(only for US & Europe)**

Reference Name	Description	LEM code
MESH GATE 6424 10XL ID 170	Maximum number of Nodes: 10	90.D2.98.040.0
MESH GATE 6424 100XL ID 200	Maximum number of Nodes: 100	90.D2.98.041.0
MESH GATE 6424 200XL ID 220	Maximum number of Nodes: 200	90.D2.98.042.0

Mesh Node:

Long Range (L): RF power 10 mW

Reference Name	Description	LEM code
MESH NODE L	Mesh Node Long Range	90.D2.98.032.0

Extra Long Range (XL): RF Power 60 mW **(only for US & Europe)**

Reference Name	Description	LEM code
MESH NODE XL	Mesh Node Extra Long Range	90.D2.98.033.0

Wi-Pulse:

Long Range (L): RF power 10 mW

Reference Name	Description	LEM code
Wi-Pulse L	Pulse Counter Long Range	90.D2.98.034.0

Extra Long Range (XL): RF Power 60 mW **(only for US & Europe)**

Reference Name	Description	LEM code
Wi-Pulse XL	Pulse Counter Extra Long Range	90.D2.98.035.0

Wi-Zone:

Last update : 30.01.2011



Long Range (L): RF power 10 mW

Reference Name	Description	LEM code
Wi-Zone L	Temperature & Humidity Long Range	90.D2.98.036.0

Extra Long Range (XL): RF Power 60 mW (only for US & Europe)

Reference Name	Description	LEM code
Wi-Zone XL	Temperature & Humidity Extra Long Range	90.D2.98.037.0

Wi-Temp:

Long Range (L): RF power 10 mW

Reference Name	Description	LEM code
Wi-Temp L	2 Thermistors Temperature Probe Long Range	90.D2.98.038.0

Extra Long Range (XL): RF Power 60 mW (only for US & Europe)

Reference Name	Description	LEM code
Wi-Temp XL	2 Thermistors Temperature Probe Extra Long Range	90.D2.98.039.0

Accessories:

Reference Name	Description	LEM code
AC Adaptor EU/SP1	AC power supply (Mesh Gate and Mesh Node) for <i>Europe</i>	90.D2.98.046.0
AC Adaptor US, JP/SP1	AC power supply (Mesh Gate and Mesh Node) for <i>US and Japan</i>	90.D2.98.047.0
AC Adaptor UK/SP1	AC power supply (Mesh Gate and Mesh Node) for <i>UK</i>	90.D2.98.048.0
CD- R Installation Wi-LEM	CD-ROM including EMN Monitor + Meshscape Monitor.	90.D2.98.007.0



AC Adaptor EU



AC Adaptor US, JP



AC Adaptor UK



CD-R Installation Wi-LEM