

## LTE communicator for PowerMaster panels — Technical Specifications

<b>Modem type</b>	LE910-EU V2 for 433 MHz and 868 MHz PowerMaster panels LE910-NA V2 for 915 MHz PowerMaster panels	
<b>Communication</b>	Data, SMS, Voice/Audio <sup>1</sup>	
<b>Supply voltage</b>	3.4 – 4.2 VDC Recommended voltage: 3.8 VDC	
<b>Bands</b>	<b>LE910-EU V2:</b> GSM/GPRS: 1800, 900MHz WCDMA: 2100, 900 MHz LTE: 2100, 1800, 2600, 900, 800 MHz	
	<b>LE910-NA V2:</b> WCDMA: 1900, 850 MHz LTE: 1900, 1700, 850, 700 MHz	
<b>Transmission maximum power</b>	GSM/GPRS: Low bands – Class 4 (2W) High bands – Class 1 (1W) WCDMA: Class 3 (0.25W) LTE: Class 3 (0.2W)	
<b>Sensitivity</b>	<u>LE910-EU V2</u> DCS 1800 MHz –110 dBm GSM 900 MHz –109 dBm  WCDMA 2100 MHz –111 dBm WCDMA 900 MHz –110 dBm  LTE 2100 MHz –103 dBm LTE 1800 MHz –101.5 dBm LTE 2600 MHz –101.5 dBm LTE 900 MHz –102.5 dBm LTE 800 MHz –101.5 dBm	<u>LE910-NA V2</u> WCDMA 1900 MHz –110 dBm WCDMA 850 MHz –111 dBm  LTE 1900 MHz –103 dBm LTE 1700 MHz –102.5 dBm LTE 850 MHz –103 dBm LTE 700 MHz –103 dBm
	Control	
<b>Control</b>	By AT commands (07.05, 07.07, and TELIT enhancement)	
<b>Ports</b>	2 UART ports 1 digital audio port <sup>1</sup>	
<b>CODEC types<sup>1</sup></b>	GSM: FR, HR, EFR, AMR WCDMA: AMR LTE: AMR	
<b>GPRS class</b>	Class 10	
<b>External SIM card voltage</b>	3.0V/1.8V	
<b>Average current consumption in idle mode</b>	GSM: 14 mA WCDMA: 15 mA LTE: 13 mA	
<b>Average current consumption in operative mode</b>	GPRS: Low band 580 mA High band 350 mA GSM voice: Low band 300 mA High band 180 mA  WCDMA data: 440 mA maximum WCDMA voice: 140 mA  LTE data: 190 mA, Maximum 500 mA	
<b>Dimensions</b>	50x59x20.6 mm	

<sup>1</sup>Applicable only for PowerMaster panels that support Voice / Audio capabilities.

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