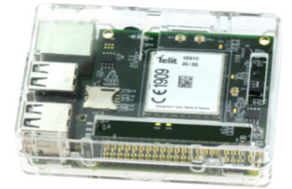


# AarLogic Raspberry Pi Cellular & GPS Extension

4G/3G/2G + GNSS Extension Card  
for Raspberry Pi



## Product Description

The AarLogic extension card for Raspberry Pi complements the popular mini computer with a 4G, 3G or 2G modem & GPS functionality, enabling wireless communication over the mobile network. This means you can communicate wirelessly with your Raspberry Pi at any time and anywhere in the world and send and receive data in real time.

The AarLogic expansion card is simply placed on the GPIOs of the Raspberry Pi. In the 4G version, the expansion card is connected via USB.

The AarLogic RPi Extension has a SIM card holder and is immediately ready for operation.

## Product features

- Operating temperature range: -40°C to +85°C
- Module: xE910 Family (2G/3G/4G & GPS)
- Certification: FCC/CE/IC
- Dimensions: 84 x 55 x 16mm
- Data (TCP/UDP)
- SMS ready
- Serial UART interface (3.3V)
- I/O Plug-In Adapter for RaspberryPi
- USB 2.0 interface
- Nano SIM
- Supply Voltage Range: 5-28V DC

## Additional services

Telit's IoT SIM cards provide a stable data transfer between the Raspberry Pi and the internet. The SIM cards can be used worldwide. Global automatic roaming means that the SIM card always uses the mobile network with the best reception at the same cost. The collected data can easily be sent to the Telit IoT Portal, which allows you to quickly set up your application in the cloud. The graphical user interface of the IoT Portal is accessible from any web browser or mobile via a smartphone or tablet.

Complete, Ready to Use Access to the Internet of Things



## Accessories

You need accessories for your application? We are happy to advise you on the selection of suitable components:

- Cellular Antenna
- SIM-cards
- Cloud-connection
- Housing

## Round Solutions

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## Versions

Order number	Module	Technology	Frequencies	GNSS	Up Link	Down Link	Availability
EXT-RPI-2G-D	GE910-QUAD	2G	<b>GSM:</b> 850/900/1800/1900	n/a	40 Kbps	80 Kbps	Global
EXT-RPI-2G-DG	GE910-GNSS	2G	<b>GSM:</b> 850/900/1800/1900	GPS Glonass	40 Kbps	80 Kbps	Global
EXT-RPI-3G-D	HE910-D	3G	<b>UMTS:</b> 800/850/900/AWS/1900/2100 <b>GSM:</b> 850/900/1800/1900	n/a	5,76 Mbps	21,0 Mbps	Global
EXT-RPI-3G-DG	HE910-DG	3G	<b>UMTS:</b> 800/850/900/AWS/1900/2100 <b>GSM:</b> 850/900/1800/1900	GPS	5,76 Mbps	21,0 Mbps	Global
EXT-RPI-4G	LE910-EU V2	4G	<b>LTE:</b> 2100(B1)/1800(B3)/2600(B7)/900(B8)/800(B20) <b>UMTS:</b> 800/850/900/AWS/1900/2100 <b>GSM:</b> 850/900/1800/1900	n/a	50 Mbps	100 Mbps	Europe
EXT-RPI-4G-EUG	LE910-EUG	4G	<b>LTE:</b> 1800(B3)/2600(B7)/800(B20) <b>UMTS:</b> 850/900/2100 <b>GSM:</b> 900/1800	GPS Glonass	50 Mbps	100 Mbps	Europe Australia