

# LTE-ES4 Module

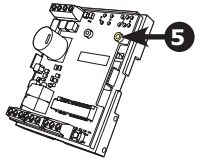
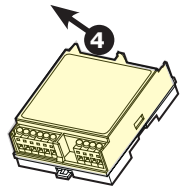
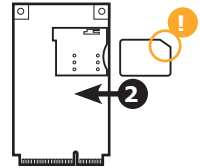
entrya<sup>®</sup>

Controllers can connect to the Internet via WiFi as standard. An optional expansion module offers the possibility to connect to the Internet via Ethernet or LTE.

The LTE module requires a mobile data connection via a microSIM card. This module also requires a compatible antenna connection. Neither the microSIM card nor the antenna are included as standard. To use access via SMS, a telephone number must be linked to the microSIM card.

## Installation instructions

1. Disconnect the power supply from the ES4 controller.
2. Insert the microSIM card into the module, paying attention to the direction (!).
3. Press the microSIM card fully into the holder until it clicks into place.
4. Remove the cover from the ES4 controller.
5. Remove the screw at the top right and keep it safe.
6. Make an opening by folding the tabs at the expansion slot inwards.
7. Insert the module through the opening in the cover.
8. Slide the module into the connector and secure it with two screws.  
Top right: the screw that has already been removed.  
Top left: the screw supplied.
9. Replace the cover of the controller.
10. Click the controller plate into the opening and connect an antenna.



## Configuration

Configure the module when adding an ES4 controller to a Site. Configuration requires the PIN code of the microSIM card and the APN of the provider.

Commonly used providers:

BE		NL	
Provider	APN	Provider	APN
Telenet	telenetwap.be	KPN	internet
Proximus	internet.proximus.be	Vodafone	live.vodafone.com
Orange	mworld.be	T-Mobile	internet
Base	gprs.base.be	Tele2	internet.tele2.nl

## Specifications

Mounting: mini PCIe  
Antenna connection: 50 Ohm, SMA female  
Cat M1: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B27/B28/B66/B85  
EGPRS: 850/900/1800/1900 MHz  
Max. power: 21 dBm  
Data rate: 1,119 Mbps  
Operating temperature: -35 °C to +75 °C

## CE Declaration of Conformity

Entrya Technologies BV hereby declares that the LTE-ES4 radio equipment, when used in the ES4 controller, complies with Directive 2014/53/EU.  
<https://www.entrya.com/ce>

## Waste disposal

This product consists of various components that may contain pollutants. Do not dispose of them in the environment! Obtain information about recycling or waste disposal systems for this product and comply with the legal provisions in force at the place of use.

