Siretta

Enabling Industrial IoT

SL500 Series Modem Starter Kit
Evaluate IoT Cellular Performance with a Low Power Serial Gateway
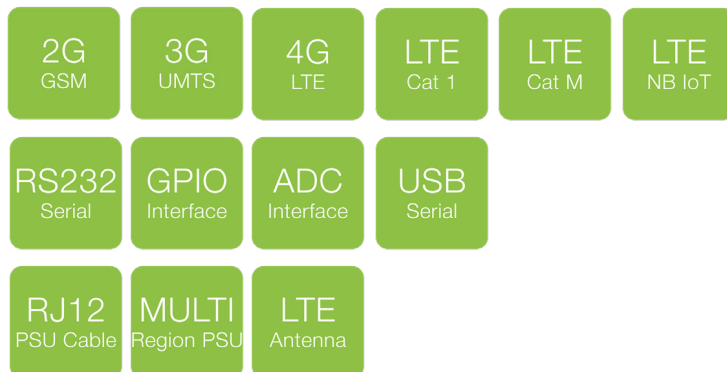
General Description

The SL500 Series Modem Starter Kits have been developed to partner perfectly with the SirettaLINK management portal. The starter kits provide all of the accessories that you need to get your modem up and running, including antennas, serial cables, multi-region PSU and power cables. The SL500 modems are a family of low industrial cellular communication devices used to create a data connection over the LTE cellular network to link a remote application to a server.

The SL500 family of modems connect equipment to the LTE Cat 1 / LTE Cat M / LTE Cat NB IoT networks and provide backwards compatibility to the existing 3G / UMTS and 2G / GSM cellular networks (see individual modem datasheets for further information). The modems operate in a low power state which makes them ideal for use in industrial IoT application today and for long term future developments.

The unique features of the SL500 Series devices are available across the range. The accessories in the starter kit are compatible with all members of the SL500 modem family.

Features

2G GSM	**3G** UMTS	**4G** LTE
LTE Cat 1	**LTE** Cat M	**LTE** NB IoT
RS232 Serial	**GPIO** Interface	**ADC** Interface
USB Serial		
RJ12 PSU Cable	**MULTI** Region PSU	**LTE** Antenna

For more information on the indiviual modem specifications, please visit:
www.siretta.com/sirettalink

Featured Components

The starter kit contains the following components with common interfaces for each SL500 model:

» SL500 Series Modem
» RS232 to USB 1.5m Cable
» USB-A to USB Mini B 1m Cable
» Delta26 Antenna
» PSU Multi Adaptor - Multi-region
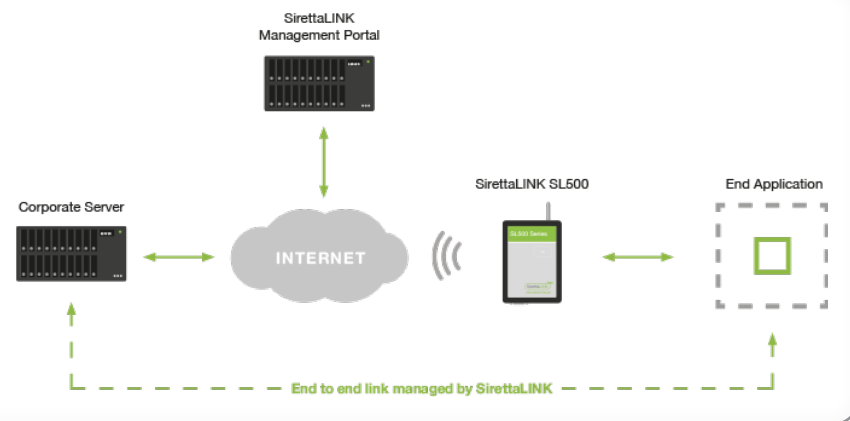» SL500 Modem Power Cable
» Modem Reset Pin

Rev 1.1

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Featured Applications

- » Car Parking Payment
- » Retail Kiosks
- » Security / Fire Alarm Systems
- » Gaming Machines
- » Healthcare
- » Elevator Systems
- » Payment Systems
- » Energy / Water Utilities
- » Fridge / Freezer Monitoring
- » Temperature Audit Trail

General Features

- » Standard components to setup your modem
- » Compatible with all members of the SL500 modem family
- » Quickly connect your device to target equipment
- » Evaluate the cellular network with your application
- » Evaluate the real time performance of LTE in the field
- » Components optimised for high performance
- » Ensure you have a good starting point for your evaluation
- » Quickly swap between different cellular technologies
- » Starter kit is compatible with global interfaces
- » Antenna interface allows evaluation of the intended application antenna in the field

Approvals and Compliance

- » RoHS
- » WEEE
- » REACH

Starter Kit Benefits

- » Setup your SL500 modem to evaluate performance
- » Get up and running quickly with the correct accessories
- » Test different use case scenarios and swap out components
- » Trust on known working accessories to focus on your development
- » Evaluate different network technologies using existing equipment
- » Verify proof of concept before applying to end application

SL500 Modem Advantage

The SL500 family lends itself to rapid proof-of-concept developments with minimal investment, providing fast time to market and maximum scalability offering intelligence and decision making at the cloud edge.

In addition the SL500 Series industrial modems are low cost, low power, reliable and intelligent modems.

SL500 Series Starter Kit Accessories

ZETA Model	LTE Category	Multi-region PSU	Cellular Antenna	RS232 to USB	USB Seial Cable	RJ12 PSU Cable
SL500-LTEM (GL)	Cat M / Cat NBIoT	Yes	Yes	Yes	Yes	Yes
SL500-LTE1 (EU)	1	Yes	Yes	Yes	Yes	Yes

(GL) = Global Region | (EU) = European Region