PRODUCT DESIGN
SOLUTIONS
MANUFACTURING
SUPPORT

Twin Data Systems Pvt. Ltd. is an organization with over fifteen years of experience in the field of telecommunications. Designing products for various clients ranging from PSUs such as DoT, defense establishments to top private organizations such as Bharti Airtel, Tata Teleservices, it has an established track record of addressing clients' needs in the most economical and efficient manner. It also worked closely with various organizations to build customized solutions for their technology needs. With a manufacturing facility of over 10000 sft., Twin Data Systems Pvt. Ltd. has the infrastructure to produce quality products in a timely manner. With a service network spread across India, it is well positioned to support customer needs briskly.

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TWIN DATA
SYSTEMS PVT. LTD.

Stay Connected. Always.

SMART LINK SL-41 U

GSM-GPRS Modem with USB interface

Product Design
Solutions
Manufacturing
Support

Technology that helps you stay connected
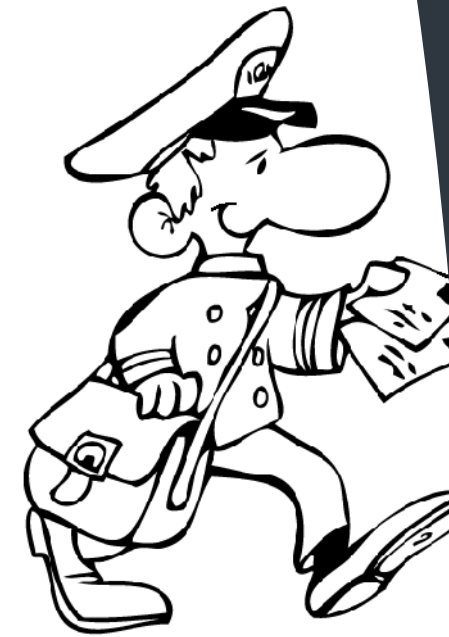
The emergence of the Internet has primarily seen the enhanced interconnectivity between individuals, so far. With time, the need to connect to remote devices as well as communities at large is becoming important as people are beginning to explore various other facets of the Internet aggressively. A modem based on connecting to the Internet using Omni-present communication technologies such as GSM is a plausible solution to such needs.

Smart Link SL-41U is a modem with a USB interface. An external power supply is not needed, making it easy to use with increased flexibility. It also gives the customer the power to broadcast messages to a wide audience from a computer. It can be connected to devices and be made to transmit specific data from the devices to a specific central location using Internet through the GPRS gateway.

ELECTRICAL/MECHANICAL SPECIFICATIONS

• Output Power: 2W for GSM 900
                1W for GSM 1800

• SIM Interface: 1.8V and 3V

• Connectors: USB
              SIM Card holder
              SMA Antenna Connector

• Dimensions in mm: 100 X 51 X 25

• Weight: 110 gram

• Enclosure: Industry standard ABS
  enclosure / Aluminum extrusion

A product to help you stay ahead of competition

SL-41U IS A DEVICE CONNECTIVITY AND BROADCAST MESSAGING SOLUTION

HARDWARE FEATURES

The hardware of SMART LINK SL-41U has been designed to minimize the post installation chances of failure. The usage of latest surface mount technology ensures the quality of the product. A few features of the product are listed below.

• Tri band GSM 900/1800/1900 MHz
• Supports text and PDU mode
• Communication support for USB
• Data, SMS, GPRS (class 10) and voice*
• Low power consumption
• Operates on standard AT commands
• SMA rubber/whip antenna
• Push to eject SIM holder
• Visual LED for network connectivity status

APPLICATIONS

Applications of SL-41U are numerous and as stated above, the range of fields where this product is useful are many. A few generic applications of SL-41U are as follows.

• SMS from remotely configured devices

• GPRS connectivity to remote devices

• Industrial device monitoring

• Remote device to device connectivity

• Maintenance intensive applications

• SMS broadcast through connected computer

CASE 1

SL-41U helps a finance institution stay connected with its large customer base by making them aware of their latest products and services. It also helps them keep the customers stay up to date with their respective account details. This generates better business due to the transparency achieved while giving them unobtrusive access to their customers.

SALE

CASE 2

Local retail merchant has been losing customers to the fancier super markets sprouting up all around the neighborhood. SL-41U has allowed them to retain their customer base off late as it has been able to aggressively position its products and services to its customers by sending them regular messages and updates.

CASE 3

A weigh bridge service provider has felt the need to give its customers enhanced service to beat off the more aggressive new competitors. It used SL-41U to interface with the weigh bridge and send the details of the readings to the transport company directly and securely thereby helping it gain trust of its customers.

* Indicates an optional feature based on client requirements