V32BIS
TELEMETRY MODEM
DELTA PLUS CLI MODEM

Allows use of the telephone network for Automatic Meter Reading (AMR), utility data collection and remote logging applications.

EASY TO INTERFACE TO YOUR EQUIPMENT

INTERCHANGEABLE WITH FIXED LINE MODEMS

REDUCED CONFIGURATION AND MAINTENANCE COSTS

IDEAL FOR USE IN THE UTILITY, VENDING AND SECURITY MARKETS

- Dial Up modem compatible communications data rates up to 14400bps

- Industry standard 25 way D-type socket interface

- Flexible power supply of 5V to 15VDC

- Standby mode with current drain of < 30mA

- Typical average operating power of < 40mA

- Plug in compatibility with other Delta Plus and many other modems

- Dimensionally compact and cost effective

- Stores 8 specific CLI numbers and uses 'Wildcard' numbering

- Supports auto-dial, auto answer and no ring answer on CLI

- NVRAM holds configuration parameter information

The Delta Plus CLI Modem is a new member of ASLH's well established and proven range of Delta Plus telemetry modems.

The Delta Plus CLI Modem allows access to remote data via the public telephone networks. The flexible input power supply requirements further enhance the ease of use.

The Delta Plus has been designed with that requirement paramount. Full power is only used when online. In low power standby mode it will still action commands from the host e.g. to dial or to answer a call.

In standby mode, the Delta Plus CLI Modem consumes nominal 29mA rising to a maximum of 39mA when communicating.

The Delta Plus CLI Modem is ideal for use with electronic electricity meters where it is small enough to fit under the terminal cover.

Alternately the unit can be used for data logging applications where the low standby current requirements will allow a long battery life.

These modems have been designed specifically to meet the Telemetry market and application within.

The modem is remotely configurable, and can store up to 16 specific CLI numbers with the use of "Wildcard" numbering for line sharing access (optional).

Use of NVRAM to store parameter information allows settings to be stored allowing the unit to be resilient against unforeseen problems.

Installation is further simplified, as the unit is so light that it can be mounted via its 25 way 'D' connector.

SPECIFICATION

Data rates & standards	V22 (1200bps), V22bis (2400bps), V32 (9600bps), V32bis (14400bps)
Power supply	Powered from the host data port. +5V to +15 V dc Also power socket for optional external power supply Delta Plus CLI Modem at 9V, 29mA standby, 39mA communicating
Enclosure	Custom moulded plastic housing, size - 61x57x24mm.
Weight	55 grams
Environmental conditions	-20 to +55°C operating; –20 to +70°C storage. Humidity 0-95% non-condensing
Control of functions	By 'AT' compatible command subset
Auto dial/answer	Under 'AT' command control. Auto answer with Call Indicate
CLI Support	Caller Line Identification (CLI) support will be available soon - upgradeable on line
Data port	RS232 (V24/28) asynchronous serial port supporting RXD, TXD, DCD, DTR, RTS and CTS
Data port connector	Integral 25 way 'D' socket. Standard pinout with power on pin 7 – ve, pin 9 and 15 + ve
Remote configuration	By the use of Hyper Terminal or any suitable terminal emulation package for access
Approvals	The product conforms to : EN41003/EN60950, R&TTE directive 99/5/EC EMC Directive 89/336/EEC & Low Voltage Directive 73/23/EEC
Additional services	For more communications options see the separate data sheets for the other communications modules that are in the Delta Plus family. ASLH is also able to offer modems with customized configurations, tailored to specific customer's requirements as well as fully custom communications products. Please enquire for full details.

ASLH's policy is to upgrade and improve its products. The right is reserved to change these specifications without notice. ASLH304 May/12