



DELTA PLUS DINCONNECT

ADVANCED PULSE COUNTING GSM/GPRS COMMUNICATIONS ADAPTER

The Delta Plus – DINCONNECT Advanced Pulse Counting modem is a third generation high speed telemetry modem for use on public mobile telephone networks.

It is a new member of ASLH's well established and proven range of Delta Plus telemetry modems designed to complement din rail pulse output utility meters of any type.

The ASLH 394 wireless modem allows access to remote data via the public mobile telephone networks.

For maximum compatibility and ease of use the unit has been designed to operate like a normal modem. There is no need to understand additional GSM network specific operations. Even when operating in GPRS mode, once installed, it acts like a normal IP connection.

A suitable antenna can be fitted to the unit SMA connector directly or mounted remotely via an extension cable if required. Naturally, the Delta Plus – DINCONNECT wireless modem includes an intelligent watchdog to monitor the state of the wireless modem for instances such as brown out detection to maximize high reliability of operation.

The unit is pre-fitted with a secure solid state SIM supporting multiple networks with ASLH's proprietary Advanced Roaming Protocol to ensure the best possible communications performance.

It has a battery backed real time clock to keep time during power outages.

The pulse input allows counting of any pulse contact device and provides contact wetting if needed.

The pulse data is saved in 32bit non-volatile registers, and in conjunction with the RTC collects HH interval count data.

ASLH can provide comprehensive data reading and processing for the meter if required.

FEATURES

- ASLH Advanced Roaming Protocol
- ASLH Telemetry Protocol
- Intelligent network watchdog
- Internal battery backed RTC
- Non-volatile storage of all data
- Live and HH data presented.
- Secure roaming IFF SIM
- External Antenna SMA socket
- Remote configuration and diagnostics

SPECIFICATION

| | |
|----------------------|---|
| Operational | GPRS Protocol Supports TCP/IP stack Class 10, and ASL high efficiency telemetry protocols (ATP) |
| | Network compatibility – Quad band for use on GSM and GPRS (Class B 4+1) networks at 850/900/1800/1900MHz |
| | Internal battery backed Real Time Clock for HH data storage |
| | Non-volatile storage of all data |
| | IFF Secure SIM |
| | Advanced multi-network Roaming Protocol |
| | Pulse inputs via terminal block, optional contact wetting source. |
| | 1 pulse in (standard) up to 4 available (option). |
| | Operational status LEDs Green, Red (see full technical user guide for operational use) |
| | Data rates & standards V22 (1200bps), V22bis (2400bps), V32 (9600bps) |
| | Error Correction / Data Compression V42, V42bis standards for modem and V110 for ISDN and GSM hosted applications |
| | Control of functions by 'AT' compatible command subset; remotely configurable. |
| | SMA antenna socket |
| Electrical | Power supply 85 – 265VAC via terminal block. |
| Environmental | Environmental conditions -20 to +55°C operating; -20 to +70°C storage. Humidity 0-95% non-condensing |
| Approvals | The product conforms to: 3GPP TS 51.010-1, EN60950-1, EN 301511, EN 301489-7, EN 3014891 EN55022, EN61000-4, Directive 1999/5/EC, 2004/108/EC and Low Voltage Directive 2006/95/EC. |

ASLH's policy is to upgrade and improve its products. The right is reserved to change these specifications without notice. ASLH394 Sep 16

