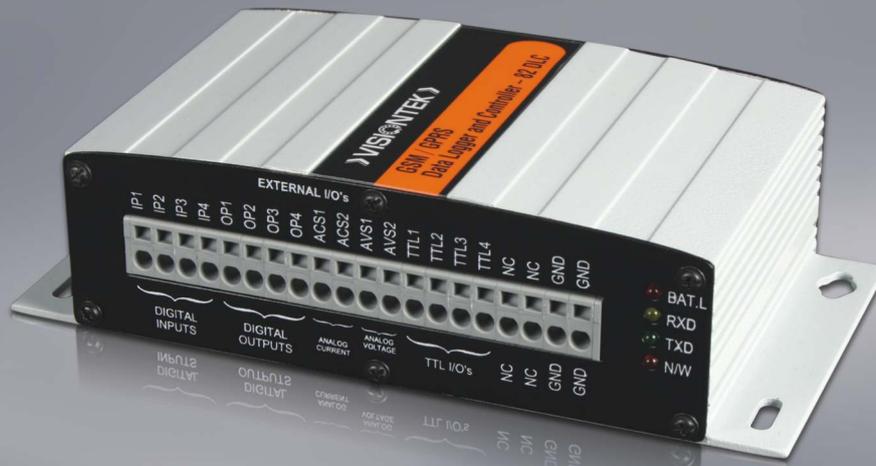


# GSM / GPRS Data Logger and Controller 82DLC



GSM

GPRS

## Overview

Visiontek 82 DLC is an intelligent GSM/GPRS based remote Data Logger and Control device for direct and easy integration with TTL, Digital and Analog (Current & Voltage) I/O ports. This device is a perfect solution for systems integrators and automation industry.

The modem works on wide input voltage range i.e. from 9V to 30V DC. Provided with optional rechargeable Li-Ion battery with (7.4V / 1700mAh) for power back up during failure of external power. With the support of 16 I/O ports (TTL/Digital/Analog), RS232 & USB Device and User Interface software for configuration, this intelligent device is suitable for application like SCADA, Industrial /Process automation, Telemetry, Security system, Home automation and other important application for remote data logging and alarm notification.

GSM / GPRS

16 I / O Ports / RS232 / USB

Variable DC Power ( 9 V to 30 V )

## Application Areas / Users

- SCADA – Industrial Automation
- PLC, M2M
- Home and Building Automation
- Power / Weather station monitoring and control
- Transformer Station Monitoring
- Valve control power station
- Control room monitoring
- Cold storage Monitor and control
- Street Light Control
- Remote industrial Equipment monitor and control
- Security alarm system application
- Tanks, levels, temperatures, water leakage applications
- DG Set control and Monitor

# Benefits

- Variable DC Power Supply (9 V to 30 V)
- Remote Monitor and controlling of Humidity, temperature, vibration, pressure, noise level, fluid level, flow rate, wind velocity devices.
- Internal Flash Memory (2 MB) for storage of I/O ports events data.
- Also works as a normal Transparent Modem.
- Internal RTC
- Internal rechargeable battery (optional) available while external power fails.
- Notification on Alarm condition to predefined numbers.



Connectors (Front Side)



Connectors (Rear Side)



UI Screen

# Features

- Data Logging and Control
- Flexible input DC voltage range (9 to 30V)
- Internal Memory for Data Logging
- Internal rechargeable Li-Ion battery
- Configurable TTL, Digital and Analog I/O ports.
- GPRS (class 10) Enabled.
- RS-232 serial interface for firmware uploading.
- Standard USB - B interface for Device Configuration.
- User Interface (UI) Software for configuration.

# Specifications

Communication Module	GSM/GPRS
I/O Ports	16 I/O Ports to monitor and control
Memory	User Memory: 2 MB
LEDs	Network, TX, Rx, Battery status.
Interfaces/Connectors	RS232 (Female), Standard USB-B, SMA (Female) GSM Antenna Connector.
I/O Ports	4 TTL Configurable I/O Ports. 4 Digital Input (Supports up to 70 V DC) 4 Digital Output (Open Collector supports to 50V and it Sinks max to 300mA. 2 Analog Inputs (4 – 20 mA) 2 Analog Inputs (0 – 10 V DC)
Communication mode	SMS & GPRS
Power	DC Input Supports 9 – 30 V
Battery	* 7.4V/1700 mAh. Rechargeable Li-Ion Battery
Enclosure	Aluminum Extrusion
Mounting	Wall Mounting
Temperature	Operating: -5°C to 60°C
Certification	Type approved
Dimensions (in mm)	170 X 88 X 44 (W L H)
Weight	506 Gms (With Battery)
Accessories	3dB SMA Whip Antenna with 3 Meter Cable 2 Core Power Cable.

Note: We pursue a policy of continuous research and product development. Specifications and features are subject to change without notice  
Product image shown is for existing product. Few changes will be there on the front panel based on above specifications

\* Indicates Optional Feature



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