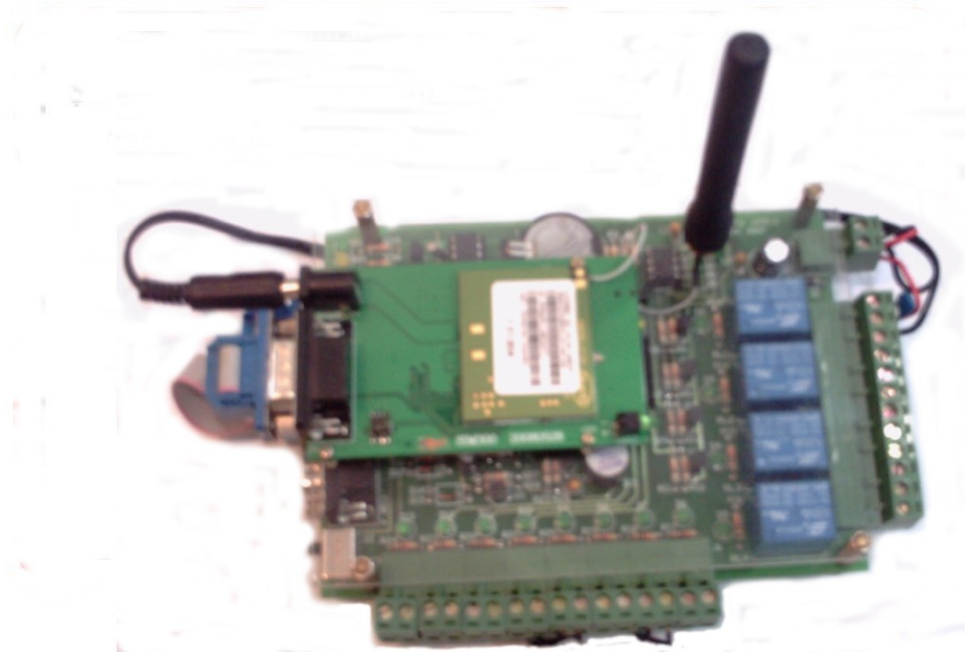


SMS | GSM MODULE FOR TRAFFIC SYSTEM



PRODUCT OVERVIEW

This product is installed at Traffic Light Controllers of MATC series type. The SMS Module PPK-214 observes the traffic light and send the SMS signal to 5 numbers that are selected based on problem detected at the controller. Generally the problem occurs are such as TNB Power Failure, ELCB Trip and Green conflict.

FEATURES OF PRODUCT

- It can be connected directly to your computer serial port for wireless GSM communication and configuration of sending and receiving text messages
- It can also be connected to your remote RS232 serial equipment allowing you to "dial up" your system for remote management
- Logging is available
- Connects to alarm systems for instant text message notification that an alarm has occurred
- GPRS connectivity also allows you to integrate this modem in your applications for an "always on" remote management system
- CE certification: WT058001278

MODEL: PPK-214

Product Datasheet

PPK Technology Sdn Bhd

SMS | GSM MODULE FOR TRAFFIC SYSTEM

TECHNICAL SPECIFICATIONS

ITEM	SPECIFICATION
Controller	AT89C51ED2 Microcontroller
Memory	64KB Program Memory, 1KB Data Memory, 2KB EEPROM
Input Voltage	+5 VDC \pm 1%
Operating Temperature	0 deg C to 70 deg C
Power Consumption	30mA idle, 350mA in TX
Max Output Power	2W
Frequency	SIM300 Tri-Band GSM/GPRS 900/1800/1900 MHz
SMS	Accepts a standard SIM card, Send/receive SMS text messages, GPRS class 10
Voice	Available
Compression	V.42 bis
Serial Interface	RS-232
Command Interfaced	AT
RF Connection	MMCX Female
Compile with ETSI GSM Phase 2+	Available
Telemetry	ELCB Trip, Green Conflict, Red Missing, Missing Sequence, Door Open, TNB Power Failure, TNB back on, UPS mode, Battery Weak
Field Service Applications	Dispatching, Maintenance Confirmation, Audit Trial, Report Generation
Miscellaneous	Supports TCP/IP, Standard extended open AT command,

MANUFACTURED BY:

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PPK Technology product are available nationwide in Malaysia or overseas through selected agents. Product can be supplied, installed, configured and tested by PPK Technology or an approved contractor. For a complete list of products and services available and technical support staff, contact our office or visit our website.

DEALER:

MODEL: PPK-214

Product Datasheet

PPK Technology Sdn Bhd