

ARC-10

Alarming & Remote Control Unit



CE

RoHS Compliant
Directive 2002/95/EC

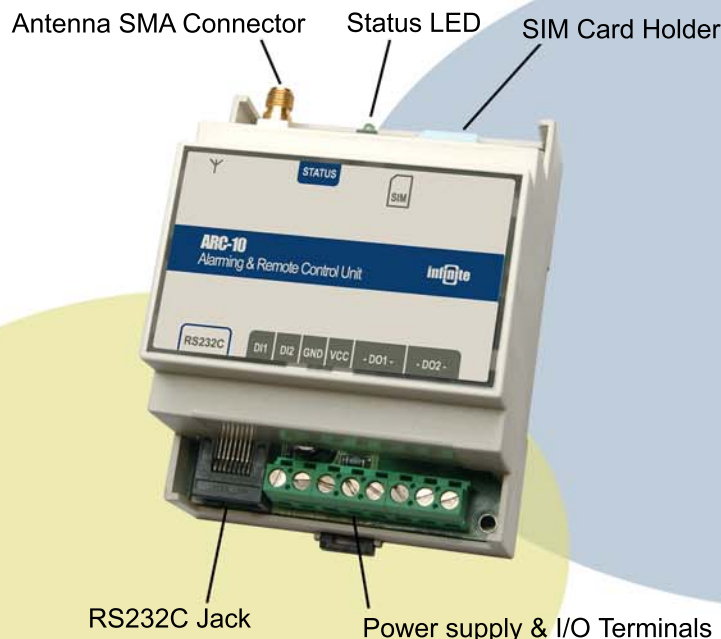
Features

- ✓ 2 digital inputs
- ✓ 2 power relay outputs
- ✓ Alarm messages via SMS
- ✓ One Output controlled via Toll-free Phone Call
- ✓ Configurable to five hundred users
- ✓ Easy configuration & control via SMS
- ✓ RS232C Serial Interface
- ✓ DIN rail mounting

Applications

- Wireless Garage Gate & Barrier remote control
- Security systems
- Home Automation
- Fire and Smoke Alarm systems
- Greenhouse Controls & Irrigation
- Remote Control & Telemetry

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Introduction

ARC-10 is a low cost, DIN rail mounted controller unit for alarm annunciation and remote control using SMS. The unit incorporates a Quad Band (850/900/1800/1900 MHz) GSM/GPRS modem, 2 digital inputs, 2 power relay outputs and a serial RS-232 port. Up to five hundred users can be configured to switch a relay output with a toll-free phone call (e.g. for opening the garage door or a parking barrier). Ten users can be configured as alarm recipients in case of an alarm situation.

Simple setup and operation

All setup and control is done using your mobile phone. Simple ASCII configuration commands are used for unit setup and control. Several commands can be packed in one SMS. The RS-232 interface can be used to alternatively setup and test the unit using a PC or an ASCII terminal. The rich command set features commands for configuring input alarm parameters, defining users and controlling system outputs with time related parameters.

Technical characteristics

Power supply	12/24 VDC, 30mA to 0.2A max (all DO on)
Wireless modem	Quad Band GSM (850/900/1800/1900MHz)
Digital inputs	2, 12..30VDC
Digital outputs	2, relay 250V/10A (AC1)
Serial interface:	RS232C, up to 921 kBit/s
Dimensions:	71 x 90 x 58 mm
Command set:	Over 40 ASCII SMS commands for system configuration, alarm settings and remote control

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Accessories

Power supply unit:	PS-3B-S, 220V/12VDC, 0.8A
Antenna:	Dual Band GSM Antenna

Ordering information

ARC-10-xx

xx=12: 12VDC Power supply
xx=24: 24VDC Power supply

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