

ARC-10

Alarming & Remote Control Unit



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
- ✓ Smartphone applications available.

Applications

- Wireless Garage Gate & Barrier remote control
- Access control
- Security systems
- Home Automation
- Fire and Smoke Alarm systems
- Greenhouse Controls & Irrigation
- Vending machines
- M2M systems



RoHS Compliant
Directive 2002/95/EC



Antenna SMA Connector Status LED SIM Card Holder



RS232C Jack Power supply & I/O Terminals

Introduction

ARC-10 is a low cost, DIN rail mounting controller unit for alarm annunciation and remote control using SMS. The unit incorporates a 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. Dedicated Smartphone Applications are available for Android and iOS (iPhone).

Technical characteristics

Power supply	12...24 VDC +/-10%, 30...200mA max
Modem	Quad Band 2G or 4GLTE
RF Connector	SMA
Digital inputs	2, 12..30VDC
Digital outputs	2, Relais 250V/8A (AC1)
Serial port	RS232C, bis 921 kBit/s
Dimensions	71 x 90 x 58mm
Command set	Over 40 ASCII commands

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Accessories

PS-3B-S	230V/12VDC, 0.8A power supply
SCCM-09-MF	Serial cable
T-AT559	Quad Band GSM Antenna (SMA)
T-AT659	Mutliband LTE Antenna (SMA)

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