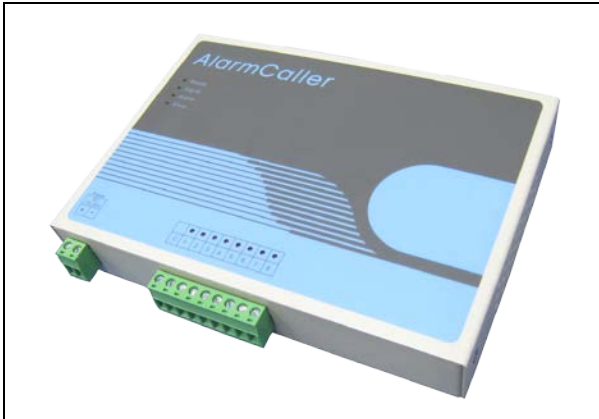


# AD340-SCF



## Introduction

AD340-SCF AlarmCaller is suitable for users writing their own programs to send a text message. It provides an ActiveX which handle the communication between the AlarmCaller and the PC needed to send the short message. What users need to do is simply supply the short message text and a phone number. The ActiveX will transfer the content to the SMS Caller to be sent out as a Short Message to the designated number. A software taking message from command line parameters is also included for non-programmer users.

## Features

- No knowledge of SMS and related modem commands required.
- Message content and destination phone number defined by users' programs.
- CommSMSLib: An ActiveX component for programmers to send SMS.
- SendSMS: An application for non-programmers to run and send SMS.
  - ✧ Use text file to store and group receiver telephone numbers.
  - ✧ Use command line parameter to specify message content and destination receiver group.
- PC hardware requirement
  - ✧ At least one serial COM port
  - ✧ Windows XP/7/8/10/11

## Specification

### Power

- Power Requirement: DC 10~30V
- Power Consumption: 5W maximum

### Built-in 4G Modem

- Frequency Bands:
  - GSM: 850/900/1800/1900MHz
  - WCDMA: B1/B2/B5/B8
  - LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28
  - LTE-TDD: B40
- Support LTE/WCDMA receive diversity
- SMS: Point to Point MT/MO 及 Cell Broadcast
- USIM Interface: 1.8/3V
- Compliant to 3GPP E-UTRA Release 11

### Alarm Input

- Input Type: Communication
- Interface: RS-232
- Source: User programs

### Messages and Phone Numbers

- CommSMSLib: Specified by user program.
- SendSMS:
  - ✧ Messages: command line parameters.
  - ✧ Phone numbers: Text file.
  - ✧ Phone number can be grouped.

### Communication

- 1 RS-232 port, connected to PC.

### Operation

- 4 System LED: Ready, Signal, Alarm and Error

### Mechanical

- Dimension: 170mm(L) × 120mm(W) × 30mm(H)

## Block Diagram

