



### Introduction

AD340-DI8 provides 8 digital alarm inputs to detect multiple alarm conditions. Different text message can be defined for each input. When an alarm signal is detected on one of its input, the corresponding message will be sent to designated users. Alarm reset messages can also be defined and sent to indicate that alarm conditions have been cleared.

### Features

- Easy configuration: Configuration software included.
- Instant alarm notification: Alarm messages can reach users' mobile phones in seconds.
- Automatic alarm reset notification: A reset message can be sent to notify users that the alarm is cleared.
- Multiple message receivers: All specified users will be notified when alarm occurred or cleared.
- User defined messages: Message contents can be freely defined by users for each alarm inputs.
- Use wireless 4G LTE network: There is no need to install a fixed phone line.
- Guaranteed message delivery: If the user's mobile phone is offline, messages will be stored by its 4G service provider for a certain period of time and forward to the user when available.

### Specification

#### Power

- Power Requirement: DC 10~30V

- Power Consumption: 5W maximum

#### Built-in 4G Modem

- Frequency Bands:  
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: Digital input (Dry contact closure) with photo isolation.
- Number of Inputs: 8
- Isolation: 5000Vrms

#### Messages and Phone Numbers

- Use SIM card for message and phone number storage.
- Users can define 8 alarm message and 8 reset messages (Number of messages may depends on SIM card capacity)
- Use any regular mobile handset to set message contents and phone numbers.

#### Operation

- 4 System LED: Ready, Signal, Alarm and Error
- 8 Input LED: Alarm input status indication

#### Mechanical

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

### Block Diagram

