



## Introduction

AD340-DI8VM extends the functionality of AD340-DI8 by adding voice message notification. AD340-DI8VM provides 8 digital alarm inputs to detect multiple alarm conditions. Different text or pre-recorded voice messages can be defined for each input. When an alarm signal is detected on one of its input, the corresponding text or voice message will be sent to designated users. Text or voice alarm reset message can also be sent when the alarm condition is cleared.

## Features

- Easy configuration: Configuration software included.
- Instant alarm notification: Alarm messages can reach users' mobile phones in seconds.
- Automatic alarm reset notification: Send reset message 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.
- Use wireless 4G LTE network: There is no need to install a fixed phone line.
- Guaranteed text 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.
- Provide text and voice messages notification.

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

### Messages and Phone Numbers

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

### Voice

- 16 user recordable voice messages.
- Non-volatile memory capable of storing up to 16 minutes of voice messages.
- Built-in microphone and speaker.

### Operation

- 4 System LED: Ready, Signal, Alarm and Error
- 8 Input LED: Alarm input status indication
- 7-segment LED and 4 buttons for voice recording/playback.

### Mechanical

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

## Block Diagram

