

CID Module

The expanding CID Module is designed for the GECON 7 GSM Communicator that simulates a telephone line. For PSN systems, it can transfer the Ademco Contact ID protocol to SMS. The CID Module inserts to Gecon 7 as an expanding module. Contact ID is unified with all EZS systems and therefore it's possible to seamlessly convert numeric codes to texts.

In Gecon 7, event texts are pre-defined in two languages. It's possible to supplement texts from zones, subsystems and users via SMS programming. If these texts aren't set, Gecon 7 will send the event numeric codes.

Message format at CID = 1 - default setting /example/:

GECON:

**Burglary, entrance door, garage.
DISARM user, Jan Novak, garage.**

The SMS will also contain more messages if they've been sent in a close manner. The beginning of the message describes the event (Burglary, DISARM user), it isn't set, it's defined from the production. The middle part of the message, separated by commas, displays a description of the zone or the user's name, according to the type of event. The final part of the message is a description of the subsystem (according to the example above, it's a "garage").

Settings via SMS – turning on and message sending mode:

ABCD CID=1	SMS CID command, turning CID module on and message sending mode CID = 0 contact ID is off CID = 1 contact ID is on, sends out defined texts CID = 2 contact ID is on, only sends event numeric codes CID = 3 contact ID is on, sends defined texts as well as numeric codes
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Settings via SMS - zone definition (example)

ABCD ZONE= 1: Entrance door 2: Anteroom 3: Hall 4: Grass break detector 5: Office 6: WC 7: Kitchen window 8: Roof 9: Children's room PIR 10: Kitchen 11: Utility room door 12: Cellar	<p>In order to be able to define a sufficient number of zones, the set-up SMS can be composed of maximum 3 SMSs. Typically, the phone displays the remaining number of letters in the message, as well as the number of messages in which the resulting text will be sent. Do not use diacritics. There is no need to follow the order of zones, unused zones may not be named. The format is as follows:</p> <p>1 – The zone number, the allowed range 1 to 99 is always at the beginning of the line</p> <p>: – a separator character between the zone number and the text, a point marker or a comma can be also used</p> <p>Entrance door – text description, must end with a character for lines (the character marking the move to the</p>
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13: Living room	new line) Gecon 7 answers with an SMS: GECON: 13 zones defined.
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Settings via SMS - user definition (example)

ABCD USER= 1: Fero administrator 2: Jan Novak 3: Peter Kovac 4: Gardener	Up to three SMS messages. The setting is similar to setting zones. Some switchboards number users from zero, so you can also use the user's zero number. Gecon 7 answers with an SMS: GECON: 4 users defined.
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Settings via SMS – the definition of subsystem names (example)

ABCD SYSTEM= 1:First floor 2:Second floor 3:Garage	Up to three SMS messages. The setting is similar to setting zones Gecon 7 answers with an SMS: GECON: 4 systems defined.
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Note, the SMS settings ZONE= USER= and SYSTEM= always deletes previously defined texts.

To add more text, use SMS in the following form: ZONE+ USER+ and SYSTEM+.

Settings via SMS – the definition of subsystem names (example)

ABCD SYSTEM+ 4:Third floor 5:Fourth floor	Up to three SMS messages. The setting is similar to setting zones Gecon answers with an SMS: add 2 systems.
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SMS query to set Contact ID of the texts:

ABCD ZONE?	Sends the zone texts in up to 3 SMS messages
ABCD USER?	Sends the user texts in up to 3 SMS messages
ABCD SYSTEM?	Sends the subsystem texts in up to 3 SMS messages

Notes:

- Gecon7 uses 8 phone numbers, sending SMS messages from Contact ID is mapped as the 8th input. An example of set-up message sending from the 1st and 2nd input and Contact ID to the 3rd phone number: **ABCD VT3 = 128**
- If you're setting up SYSTEM, ZONE or USER, don't create any other settings in these SMSs.
- The maximum length of the text names is 20 characters. The total maximum length of the set-up SMS is 480 characters without diacritics.
- Switch off the surveillance over the telephone line at the EZS switchboard and set-up any telephone number. It's advisable to enter only one digit to make dialling as fast as possible. Any format of dialling, pulse or tone

- Set-up SMS processing with user and subsystem zone texts takes longer because they're composed of multiple SMSs and they don't have to go to the Gecon 7 all at once, so the answer is important and must include the number of set items that were named. If this number is less than we defined in the set-up SMS, the SMS set-up procedure needs to be repeated. The Gecon 7 didn't capture all the set-up SMSs.
- The SMS format when setting CID = 2, only numeric message codes are displayed:

GECON:

1130 001/03

event code zone/subsystem

1401 002/03

event code user/subsystem

- Format of the SMS when setting CID = 3, the default texts and numeric message codes are displayed:

GECON:

Burglary, entrance door, garage.

Message text

1130 001/03

event code zone/subsystem

DISARM user, Jan Novak, garage.

Message text

1401 002/03

event code user/subsystem

LED signalling on CID module:

Red - flashes - the module is ready to capture communication

Red - lit - the switchboard accepted the telephone line

Red - flashes in the rhythm of communication - communication with EZS is in progress

Green - blinking - a message from the switchboard has been detected

Scheme / picture:

