



3G Alarm device A4101

The **A4101** is an autonomous alarm device. It can report alarm states by voice message, SMS short message or e-mail to different target persons or groups. The operation setup of the **A4101** alarm device is either in conjunction with a local communication infrastructure via a LAN network or completely independently via a 2G or 3G mobile connection.



In order to avoid an alarm message gets lost, it is possible to signal alarms, in addition to the usual text messages, with an individual audio message via voice call. Furthermore an acknowledgment per DTMF code can be requested for each voice alarm so that the alarm call is repeated as long as the triggering cause has activated the input contact or until an authorized subscriber from the target list has entered a corresponding acknowledgment by DTMF.

The output contacts can be triggered remotely via a text message or DTMF tone sequence. Their current status can be called up by text request. An integrated voltage sensor monitors the voltage supply and can signal an alarm when there is a power failure. For this purpose, the maintenance-free backup battery secures an emergency operation mode for approx. 1 minute. Finally an integrated watchdog ensures a proper restart after restoring the regular power supply to normal operation.

The **A4101** is available in various versions. The basic version has 2 input contacts and 2 output contacts. The full version has 8 input and 2 output contacts. All switching outputs and input contacts are galvanically isolated. The integrated backup battery (SuperCap) is optional.

Alarm device A4101	
Radio channel	1 x UMTS/GSM quad-band module
SIM card	Standard mini SIM, 1.8V oder 3V
LAN network	10/100 Base-T
Input	2, 4, 6 oder 8 inputs, (opto-isolator)
Output	2 outputs (switch relay)
Alarming	via voice and text message
Power supply	Wide range DC, 7V -30V DC
Backupbatterie	optional (SuperCap)
Operational environment	Indoor, switchboard
Antenna connector	1 x SMA
Housing	Mounting rail, IP20, 22,50 x 117 x 115mm
A4101 2E basical	Order-Nr.: 270274
A4101 8E full version	Order-Nr.: 270272
A4101 Backup battery	Order-Nr.: 211602

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