



# Use Fältcom GSM Gateway to create wireless telephone communication

For older installations where the landline phone needs an upgrade to wireless communication, the ability to create GSM reception is indispensable. If you do not already have a phone line installed, Fältcom's GSM Gateway offers you a temporary communication solution.

## The right choice for you

Fältcom GSM Gateway is used to create a telephone line for wireless communication, meaning that elevator phones for landlines can send alarms using the GSM network. The emergency communication system consist of a GSM Gateway and one of Fältcom's emergency telephones for landlines - that offer several mounting variants.

Simple installation and high quality make GSM Gateway ideal for both temporary and permanent installations. Because of the flexible installation and flexible mounting, optimizing your GSM reception is easy. Even when it is necessary to use long cables between GSM Gateway and the elevator phone, the system has great function and you can count on excellent sound.

## Save time and money and feel secure

Save money quickly thanks to low call costs, and save time: Fältcom GSM Gateway requires no programming.

The unit has an integrated battery backup and can send a battery alarm via SMS or ELEVATOR PHONE MANAGER, which is one of Fältcom's app's for elevators, providing convenience and confidence that the system is working, via the cloud-based customer portal.

### How does Fältcom GSM Gateway work?

Fältcom GSM Gateway is easy to install, for example in the machine room or another area with the best GSM coverage.

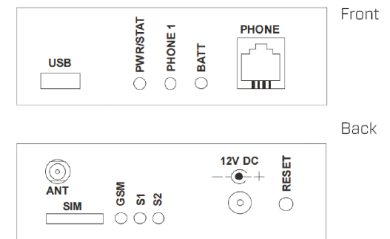
Since the GSM Gateway is already tested and ready, and can be delivered with a SIM card, there is no need for programming at the time of installation. With an installed SIM card, Fältcom can directly see if a subscription is active, activate/deactivate the subscription, see data usage, and call times, as well as setting cost limits, and send alarms in case of cost exceedments.

The unit is powered via an AC/DC converter or a 10-28 V DC power source, and has an integrated NiMH battery backup. The battery level is constantly monitored and any battery problems are indicated via LED on the GSM Gateway unit. The battery alarm can also be sent via SMS or via the Elevator manager.

As long as every elevator phone has a separate power supply, each GSM Gateway can be linked with nine elevator phones.

### Ports

<b>Telephone:</b>	RJ-11
<b>Antenna contact:</b>	SMA
<b>Power supply:</b>	DC Plug 2.1mm/5.5mm
<b>USB:</b>	USB 2.0 Mini



### Technical spec. GSM Gateway (item no. 252236)

<b>Size:</b>	165 mm x 140 mm x 64 mm
<b>Weight:</b>	560 g, including battery and antenna
<b>Working temp.:</b>	+5°C to +40°C
<b>Humidity:</b>	30 % to 90 % RH
<b>GSM module:</b>	Siemens M55i (Quad-Band 850/900/1800/1900 MHz)
<b>Antenna:</b>	50 Ohm SMA-contact, 870-960 MHz/1710-1990 MHz
<b>Speech unit:</b>	Optional ECII Flex
<b>External power supply:</b>	10-28 V DC or via AC/DC converter
<b>Power consumption:</b>	At rest: 12 V < 140 mA, 24 V < 75 mA, During a call: 12 V < 450 mA, 24 V < 225 mA
<b>Power consumption, battery:</b>	At rest: approx. 100 mA. During a call: < 550 mA
<b>Battery type:</b>	NiMH 4.8V 1250 mAh
<b>Alarm:</b>	Battery alarm
<b>Reset:</b>	Reset the GSM Gateway via sms
<b>Gain:</b>	Configurable via sms, Fältcom Manager cable, ELEVATOR PHONE MANAGER
<b>Protection class:</b>	IP 20
<b>Line voltage, handset down:</b>	48 V DC
<b>Polarity inversion:</b>	Yes
<b>Tone indications:</b>	Ring tone 1: 425 Hz -10 dBm. Persistent Ringtone 2: (battery error): 425 Hz -10dBm. 1000ms ON/250ms OFF/250ms ON/250ms OFF, persistent Ringtone: 25 Hz 40 VRms into 3REN. 1500ms ON/3000ms OFF Redial tone: 1500ms ON/3000ms OFF Busy tone: 200ms ON/2000ms OFF Overload tone: 425 Hz -10 dBm. 200ms ON/200ms OFF/200ms ON/200ms OFF/200ms on/600ms OFF, persistent
<b>Status information LED:</b>	GSM network contact, GSM signal strength battery alarm, ongoing call, incoming call, reserve power in use

#### Fält Communications AB

Vasagatan 23, SE-903 29 Umeå, Sweden  
Phone +46 90 18 39 00  
Fax +46 90 18 39 29  
E-mail: info@faltcom.se

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