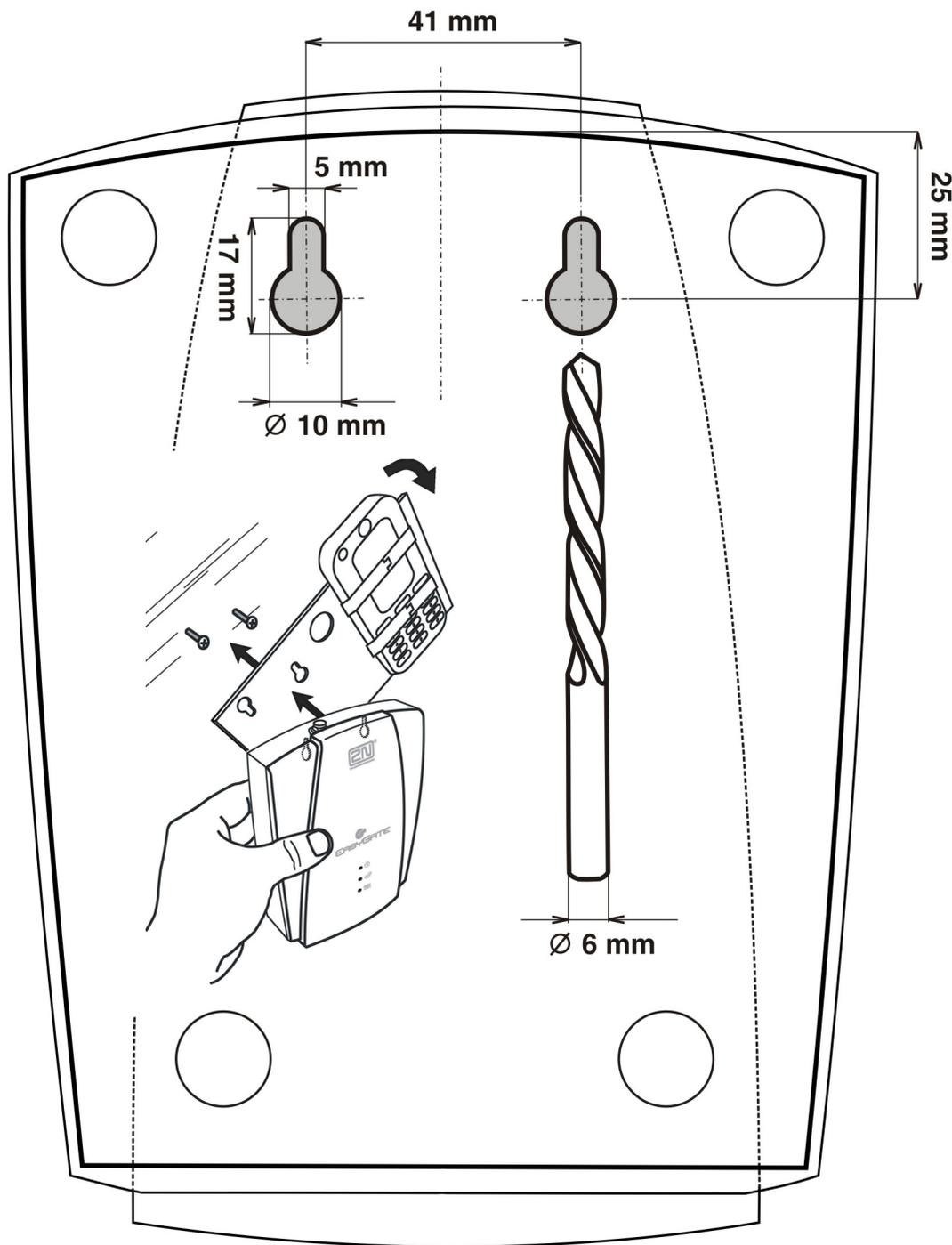


# ATEUS® - EASYGATE 3G GATEWAY

  
EASYGATE



- > Dramatic cost saving
- > Connection to UMTS and GSM Networks
- > Designed for Motorola UMS phones
- > For PBX or Phone sets
- > FSK CLIP

Read the CD-ROM User Manual carefully to get familiar with all system functions.

### Security Precautions



- Do not switch on EasyGate 3G in the vicinity of medical apparatuses to avoid interference. The minimum distance of the antenna and pacemakers should be 0.5 m.



- Do not switch on EasyGate 3G aboard a plane.



- Do not switch on EasyGate 3G near petrol stations, chemical facilities or sites where explosives are used.



- Any mobile telephone use prohibition based on RF energy radiation applies to EasyGate 3G too.



- EasyGate 3G may disturb the function of TV sets, radio sets and PCs.



- Warning! EasyGate 3G contains components that can be swallowed by small children (SIM card, antenna, etc.).



- The voltage value mentioned on the adapter may not be exceeded. If you connect EasyGate 3G to another power supply, make sure that the voltage value lies in the acceptable range.



- When your EasyGate 3G comes to the end of its operational life, dispose of it in accordance with applicable regulations.

### An EasyGate 3G delivery contains the following:

|                                      |       |
|--------------------------------------|-------|
| EasyGate 3G                          | 1 pc  |
| Phone holder with belts              | 1 pc  |
| Supply adapter                       | 1 pc  |
| Telephone cable                      | 1 pc  |
| PC-connection serial cable           | 1 pc  |
| SMS sending input connector          | 1 pc  |
| Dowels                               | 2 pcs |
| Screws                               | 2 pcs |
| User Manual on a CD-ROM              | 1 pc  |
| QuickStart manual + mounting pattern | 1 pc  |
| Software on a CD-ROM                 | 1 pc  |
| Warranty certificate                 | 1 pc  |

### Basic Functions

- The primary purpose of EasyGate 3G is to transmit voice between a UMTS/GSM network and an attached FXO-interface terminal.
- You can send an SMS to a pre-programmed number using the SMS sending input.

### Proper Location

- EasyGate 3G is designed for vertical mounting on suspension holes (use the mounting pattern).
- Install EasyGate 3G with respect to a good GSM signal strength.
- Place EasyGate 3G out of range of sensitive devices and human bodies for electromagnetic interference reasons.
- EasyGate 3G is designed for indoor use. Do not place it near heat sources and on sites exposed to direct solar radiation. It may not be exposed to rain, flowing water and moisture. In addition, it may not be exposed to aggressive gas, acid vapours, solvents, etc.

### Motorola UMTS Phone Connection

Install the 3G USIM before connection to EasyGate 3G. You must switch off PIN protection.

Connect data cable to bottom connector and voice cable to headset connector. Fasten the belts on phone holder around the phone properly to avoid a phone damage. The V-phones must be open to operate.

### Telephone Line Connection

EasyGate 3G can be connected to any FXO-interface equipment (standard telephone set, answering machine, PBX CO line,...).

EasyGate 3G is equipped with identification of calling party (CLIP) via FSK and so it is advantageous to connect a terminal that is able to display the CLI.

### Power Supply Connection

EasyGate 3G is fed with 10-16V DC voltage. Where a source other than the included supply adapter is used, the voltage range and polarity shown on the EasyGate 3G supply connector have to be maintained.

### External Antenna connection

In case of bad signal strength or radio interference on telephone line, install recommended external antenna for used Motorola phone.

### SIM Card PIN protection

1. Unfortunately, Motorola UMTS phones don't support PIN entering via data interface. It is not possible to protect your 3G USIM by PIN, please switch the PIN protection off before connecting to EasyGate 3G.

### Outgoing Call

- Suppose that the USIM has been inserted, the PIN not required, and EasyGate 3G registered to GSM network – the GSM Network LED is permanently on.
- Hook off the telephone, you can hear the dialtone and the Line LED starts flashing.
- Dial the GSM subscriber number. EasyGate 3G receives tone dialling (DTMF) by default. If your telephone transmits pulse dialling only, program EasyGate 3G to receive pulse dialling. When you make a delay in your dialling longer than 5s (programmable), the connection is established.
- If the called subscriber is available, you can hear the ringing tone. If not, you can hear the busy tone or any of the GSM provider's messages.
- When the called subscriber answers the call, a call is established. The Line LED is permanently on during the call.
- Hang up to terminate the call. The Line LED goes off. If the called subscriber is the first to hang up, you can hear the busy tone and hang up.

### Incoming Call

- An incoming call is signalled by ringing. The Line LED flashes during ringing.
- Hook off the phone to establish the call. The Line LED is permanently on during the call.
- For call termination see the Outgoing Call section.

### Indication LEDs

|                 |  |
|-----------------|--|
| Power supply    | <ul style="list-style-type: none"> <li>Light is on whenever EasyGate 3G is on.</li> </ul>  |
| GSM network     | <ul style="list-style-type: none"> <li>light = registered to GSM</li> <li>flashes once in 1s = not registered, SIM card inserted</li> <li>flashes once in 3s = not registered, SIM card not inserted</li> <li>flashes 4 times quickly = PIN protected USIM</li> <li>flashes 8 times quickly = blocked USIM, PUK required.</li> </ul> |
| Teleph one line | <ul style="list-style-type: none"> <li>no light = standby</li> <li>flashes quickly = line off-hook or ringing</li> <li>light = call</li> </ul>   |

### EC Declaration of Conformity

Directive: Electromagnetic compatibility (EMC) 89/336/EEC

Manufacturer: **2N TELEKOMUNIKACE a.s.**  
 Modřanská 621, 143 00 Prague 4, Czech Republic

Declares that the product: **ATEUS<sup>®</sup> - EasyGate 3G**

Model numbers: 501309E

Designed for: **analog FXS and data interface, stand alone version**

Uses cellular engine: **external Motorola UMTS phones types:**

**A835, C975, E1000 or V975**

Conforms to the following Standards:

Safety: EN 60 950: 2000,

EMC: EN 55 024: 1998; A1: 2001, A2: 2003,

EN 55 022: 1994, A1: 1995, A2: 1996, Cor.1:1997,

EN 61000-4-2: 1995, A1: 1998, A2: 2001,

EN 61000-4-3: 1996, A1: 1998, A2: 2001,

EN 61000-4-4: 1995, A1: 2001, EN 61000-4-5:1995, A1: 2001,

EN 61000-4-6: 1996, A1: 2001, EN 61000-4-11: 1994, A1: 2001

The tests were performed by the following accredited test laboratory (laboratories):

Technical Centre of Telecommunications and Post  
 Testing laboratory No. 1063 TESTOOM, Accredited by CIA  
 Hvoždanská 3, 148 01 Praha 4, Czech Republic.

The following harmonized technical standards were applied for conformity assessment:

EMC: Protocol No.: 120/04 - EN 55 022, EN 55 024, EN 61000

The documentation and test reports relevant to the switching power supply are held at: SUNNY Computer Technology Europe, s.r.o., Kotlanova 3, Brno, 628 00, Czech Republic.

Date and place of issue: Prague, Czech Republic, 30.6.2005

Manufacturer's stamp



Ing. Oldřich Stejskal, executive director