



# GSM Access

Wiring & Configuration of  
Modem GSM DA-1460 &  
universal interface DA-1715.

(Auto hangup version)

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## Content

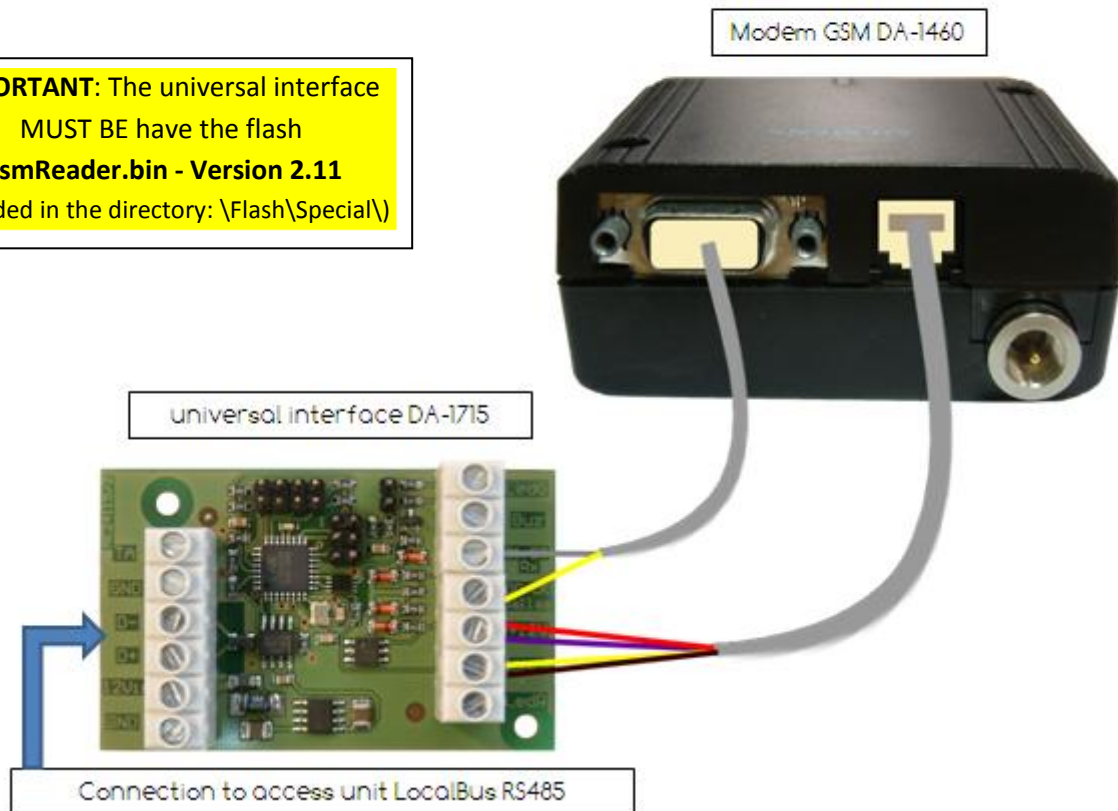
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## 1. Modem GSM DA-1460 and universal interface DA-1715

### a. Wiring

universal interface DA-1715	Modem GSM DA-1460
D0/TX	DB9 : Yellow (TX)
D1/RX	DB9 : White (RX)
+12	RJ11 : Purple + Red
GND	RJ11 : Yellow + Brown

**IMPORTANT:** The universal interface  
MUST BE have the flash  
**GsmReader.bin - Version 2.11**  
(Included in the directory: \Flash\Special\)



### b. Modem configuration

For the DBM6000 may communicate properly with the modem, it is necessary to configure the modem as follows:

Connect the modem directly to a COM port of your PC and with a communication program (Putty, Hyper Terminal, ...) connect to the modem to 9600bps and enter the following commands to configure the modem:

- AT** → This command will initialize the modem
- AT+CLIP=1** → Activation command of phone number display.
- AT+IPR=9600** → Com port speed command.
- AT&W** → Save all change in the modem configuration.

You can check the modem configuration with the following command: **AT&V**

## 2. DBM6000 Configuration

The modem must be connected to the access unit that you want to use via the universal interface previously wired to the communication bus.

You must be flash the interface with the flash '**GsmReader.bin**' including in the directory: \Flash\Special\

Attention that during the burn devices, if you burn all DA-1715 interfaces, you lose the good program in your interface connected at the modem! Please therefore reprogram again with the good flash.

- a. **The access unit:** In your installation, edit the access unit that you have connected the modem-Interface and in the corresponding reader tab (Adr0 or Adr1) check that the reader use a "Proximity (LocalBus)".
- b. **Users:** To allow a user to have access with his mobile phone (Gsm), you must encode his phone number in place of the badge number. You can encode this phone number in « Badge 1 » or in « Badge 2 ». The phone number **MUST** be in international format but **without** the 00 or the + sign.

**Example:** The number 0032475888999 or +32475888999 are in international format and it **MUST** be change like that: **32475888999**

## 3. Utilisation

When your system is configured, the users can open the access simply if they call the Gsm modem.

The access will automatically open after 2 rings and this with the identification call number of the user. When the access is granted or rejected, the modem closes the communication automatically to avoid any communication cost.

Note: Don't mask the user call number if you want that the system work properly.