GSM Access

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

Dinec International   16/08/12
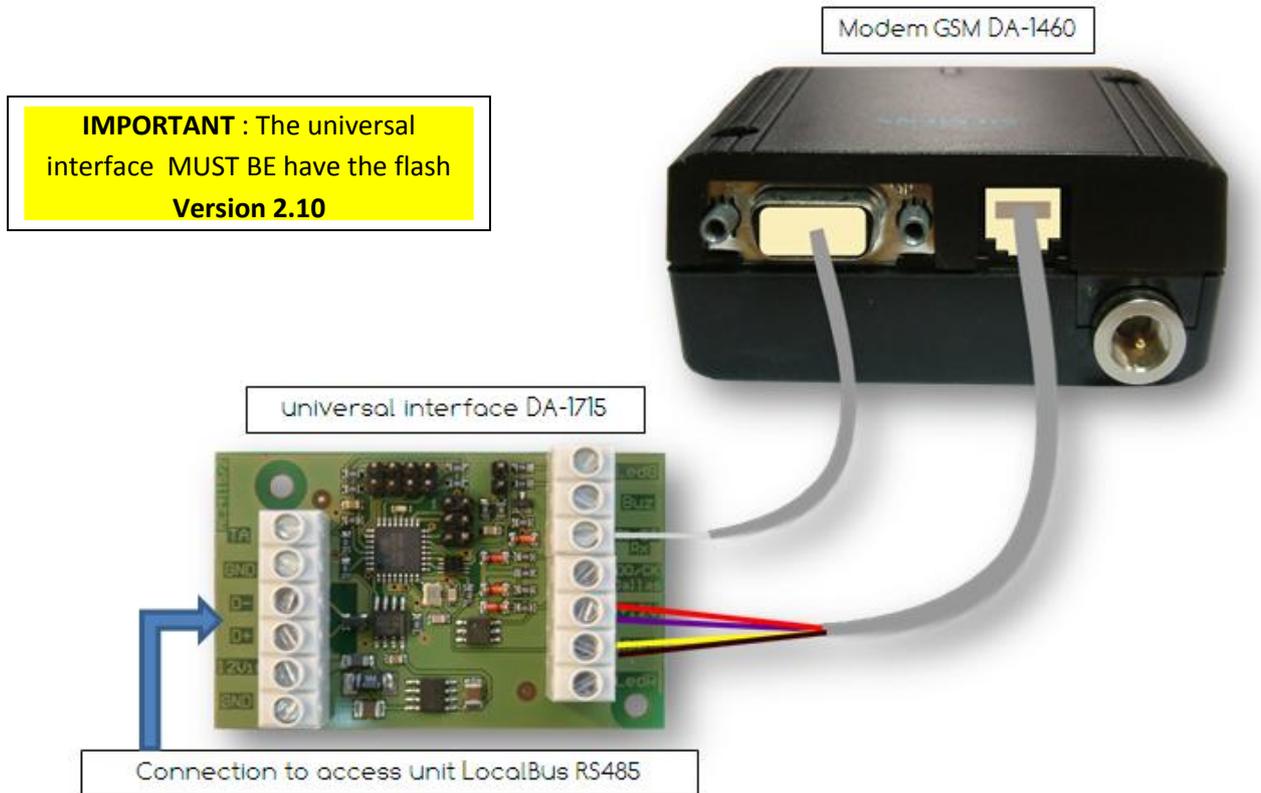
Content

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

a. Wiring

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

IMPORTANT : The universal interface MUST BE have the flash **Version 2.10**

Modem GSM DA-1460

universal interface DA-1715

Connection to access unit LocalBus RS485

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:

i.   **AT** → This command will initialize the modem

ii.   **AT+CLIP=1** → Activation command of phone number display.

iii. **AT+IPR=9600** → Com port speed command.

iv.   **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.

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 used has been 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 user scan 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 open, the user just stops call to avoid any communication cost.

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