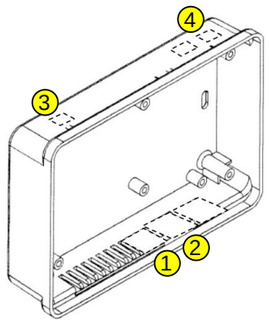
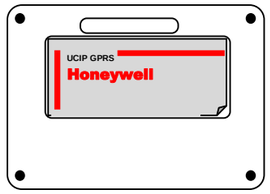
Honeywell

## Installation

### 1 Standard cable holes

Cut the necessary holes in the SMB-T enclosure
1- RS-232 Port or AUX Port (Panel cable link)
2- RJ45 Ethernet port (Commissioning and Network)
3- GPRS antenna (UCIP GPRS only)
4- 24Vcc External power

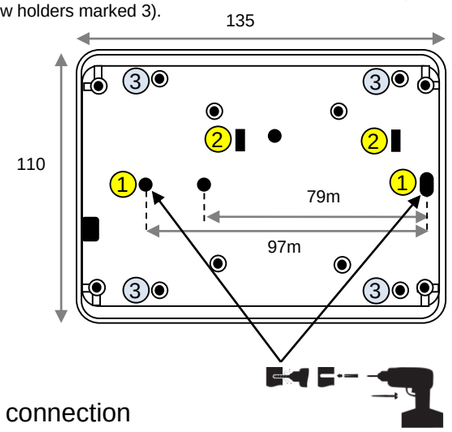



Stick the provided label in the enclosure cover gap oriented with the LEDs window upwards as in the figure.

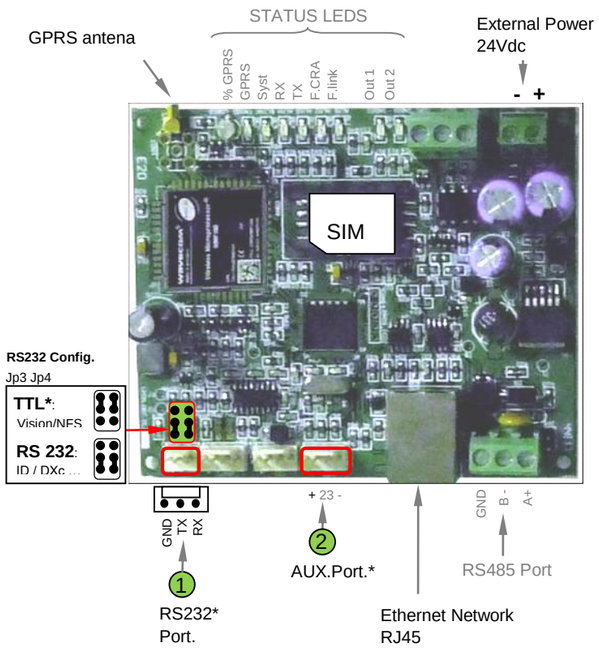
### 2 SMB-T Enclosure installation

The SMB-T enclosure is designed to be installed on a Surface and inside some devices by using described holes:
1- **Surface** mounting: Install the enclosure in the wall close to the panel by using holes marked as (1).
2- **Conventional panels NFS, VSN2 y ESS**: Open the panel box enclosure and remove the left Touch Display or user label plate. Install the box under the panel mains connector. Fit the box in the panel back box by the holes marked as 2) and slightly slide it downwards.
3- Fit the UCIP Communicator in the SMB-T en closure by the 4 screw holders marked 3).




### 3 Connections

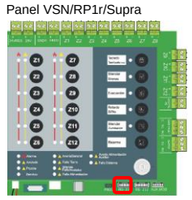
Connect needed cables as below:




### 4 Panel connection

Install de communicator as indicated above closet o panel linking the panel communication port to the corresponding on the UCIP as described in the table on step 3). Connection examples:

Panel VSN/RP1r/Supra



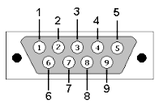
1234
RS232

**RS 232** (Panel) to **1+2 UCIP**
JP3 y JP4 UCIP
**TTL mode**

ISO232 ID3000/DXc




DB9 (ID60)




**ISO232** (Panel) to **1 UCIP**
JP3 y JP4 UCIP RS232 mode
**24V external required**

**Panel Port settings**:

1 **ID3000**: Level 3 :6)Config. → 6) Panel Settings →17) Isolated RS232 Port setup: Integration protocol, 9600 baud, 11A. Half Duplex.
Requires 24Vdc.

1 **ID60**: 5)Config.→1)Config.→ 4)Peripherals→ 2)RS232: Integration. Half Duplex.
Requires 24Vdc.

1 **DXc:** 5)Actions→7)Commission→1)General Options→2ndSerial Port: TTP,9600.
Requires 24Vdc.

1 **VSN / NFS / RP1r (TTL*)**: ***Requires to change Jp3 and Jp4** in UCIP.
+
2 Power **(+)** by **AUX** port **(VSN / NFS / RP1r)**

RS232 / TTL* Serial port

| **UCIP** Uart1 | **PC Conf.** DB9 | **DXc/ID3000** RS232 (ISO232) | **ID60** RS232 | **VSN&NFS TTL*** |
|---|---|---|---|---|
| **RX** | **3** | **TX** | **2** | **2** |
| **TX** | **2** | **RX** | **3** | **3** |
| **GND** | **5** | **0V** | **5** | **4** |

## Settings

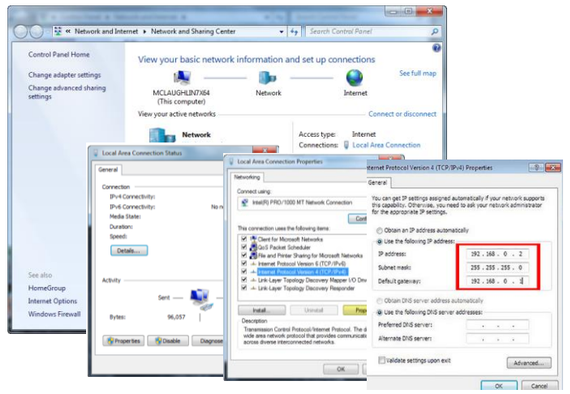
### 5 Configuration Console / Hyperterminal

The UCIP/GPRS can be configured by Ethernet port with RJ45 network cable El UCIP/GPRS or by RS232 serial port (cable not provided), with it's config tool, Hyperterminal or Telnet
By default it has the following serial port and IP settings:

| | |
|---|---|
| Default Serial P. UCIP:<br>RS232: 9600 Baud<br>No parity | Default IP address: 192.168.0.100<br>Mask: 255.255.255.0<br>Gateway:192.168.0.1<br>Config. Port:23 |

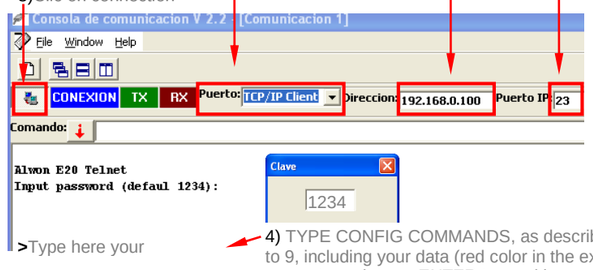
1- To configure UCIP via RS232 port, make the cable: RS232-PC Conf.DB9

2- To configure UCIP via **ETHERNET**, Configure your PC in the sane IP range as the UCIP: **Windows**→Start→ Control Panel→Network center → Local area connection→change adapter settings→ Properties→ Prot.Int(IPv4)→Properties→Alternative IP config:
i.e.IP:192.168.0.50, Mask 255.255.255.0, Gateway 192.168.0.1




UCIP Console tool

1)Select Port type: TCP/IP Client
2)Type the UCIP IP and Port 23
3)Clic on connection




>Type here your

4) TYPE CONFIG COMMANDS, as described in steeps 6 to 9, including your data (red color in the examples), separate and press ENTER to send it.

### 6 ETHERNET UCIP local IP and Port ETHERNET

**TCPIP** [local IP] [network Mask] [Gateway] [dhcp on/off] IP UCIP Config.:

i.e. *192.168.0.100,Mask:255.255.255.0,Gateway:192.168.0.1;DHCP:off*

**>TCPIP *192.168.0.100 255.255.255.0 192.168.0.1 off***
**>OK: Operation completed**

**CONFIG** [Port] [Parameter] : Set IP port i.e..*5000*
**>CONFIG TCPSERVER *5000***
**>OK: Operation completed**
Note: In TG supervisor, set in panel config. Link : TCP/IP, permits multiple link

### 7 Central Receiver Alarm Center CRA IP

UCIP GPRS permits up to 2 IP address to send system states to an IP compatible Receiver CRA1 and CRA2

**CRA1** [CLIENT#][IP CRA][IP PORT][Alive T] [Password][Channel: ETH+GPRS;ETH;GPRS]

i.e. Client # *AAAAAA*, Receiver IP *192.168.1.100* and port *10001*, Alive test time *60*seg, encrypted password *111111* and send only by GPRS channel:
**>CRA1 *AAAAAA 192.168.1.100 10001 60 111111 GPRS***
**>OK: Operation completed**

**CRA2** [CLIENT#][IP CRA][IP PORT][Alive T][Password] [Channel_Send:GPRS+ETH;GPRS;ETH;_FAIL;_EVER]

i.e. Client # *AAAAAA*, Receiver IP *192.168.1.102* and port *10002*, Alive test time *60*seg, encrypted password *111111*, send only by GPRS channel and send on CRA1 *fail* :
**>CRA1 *AAAAAA 192.168.1.102 10002 60 111111 GPRS_FAIL***
**>OK: Operation completed**

### 8 Config GPRS Network (i.e.FireIMT)

**PIN** [SIM PIN] : PIN of SIM card..
-Recommended to remove SIM PIN in a celular pone to avoid lock it on error.
Ej. PIN XXXX. SIM must be placed to check the PIN
**>PIN *XXXX***
**>OK: Operation completed**

**GPRS** [APN mobile network][User][Password]
**GPRS *wlapn.es honeywell honeywell***
**>OK: Operation completed**

### 9 SMS Message sending to user Mobil

UCIP GPRS can send SMS messages to a SMS compatible Alarm Receiver or up to 2 user mobile telephones.

**SMS**[SMS Receiver phone][MOBILE1][MOBILE2]

ej. SMS sending to user mobile phone *699887766*
**>SMS *NONE 699887766 NONE***
**>OK: Operation completed**



Read carefully the product manual before to install this material.

Honeywell Life Safety Iberia, S.L. reserves the right to do any change in this information without notice.
For accurate and updated information go to www.honeywelllifesafety.es

## Technical features

### Status LEDs:

| | | |
|---|---|---|
| ALRM1 | DL1-RED | - EXISTING DATA WITH CRA |
| ALRM2 | DL2 RED | - EXIXTING DATA WITH PANEL |
| ALRM3 | DL3-RED | -GPRS BIDIRECTIONALITY ACTIVE |
| ALRM4 | DL4-RED | -TCP/IP BIDIRECTIONALITY ACTIVE |
| BLINK | DL5-GREEN | SOFTWARE WORKING<br>ON: Powered inactive process<br>Slow blinking : Process running OK<br>Off: Inoperative Process |
| COBER | DL6- BICOLOR | GSM Coverture<br>- GREEN MAXIMUM COVERTURE<br>- ORANGE MEDIUM COVERTURE<br>- RED LOW COVERTURE<br>- BLINK GPRS SERVER CONNECTED |
| TX MOD | DL7-GREEN | GSM MODEM CONNECTED<br>GPRS / GSM activity<br>ON: Modem Active(Calling) |
| IND01 | DL9 – GREEN | OUTPUT 1 STATE ( Off means CRA link failure , after 5 retries) |
| IND02 | DL8 - GREEN | OUTPUT 2 STATE (Off means Panel link fault) |

### TECHNICAL FEATURES:

| | |
|---|---|
| Power | 12 a 30 Vdc (not polarized) external or via Aux port |
| Current | 45mA min / 150mA max. |
| Communication Ports | 1 x RS232 (Rx,Tx GND from 1200 to 115200 Bds)<br>1 x Ethernet (ADSL, LAN, etceteras...)<br>1 x Modem GSM (GSM, SMS, GPRS)<br>1 x I2C double connector and power<br>1 x RS485 |
| Configuration | Terminal console commands / Telnet over Ethernet and GPRS. Permits SMS message commands. |
| Serial port 232 | Rx,Tx y GND. Configurable speed and parity (1200 to 115200 Bds) |
| Compatible Panels with SMS or Contact ID | NFS Supra, Vision Plus, Vision 2Plus, ID50, ID3000 and DXC CONNEXION |
| CRA Protocol and security | Double channel de transmission over Ethernet and GPRS<br>Connectivity checking (stay alive) and bidirectionality.<br>Ademco Contact ID protocol IP/GPRS to CRA over ALWON 128 encrypted AES128 compatible protocol. Communicator switch security and config password key. |
| IP Connectivity | DNS compatible, DHCP and dynamic IP (IP update by alive string) |
| Firmware update | Via RS232 or GPRS by UCIP Consola Tool |
| Dimensions (w.o. box) | 86mm height x102mm width x25mm depth |
| Enclosure Dimensions | 102mm height x143mm width x39mm depth |
| Approvals | EN50136 SPT 1-6, Type X/Y |

**REQUIRED DATA TO CONNECT THE DEVICE:**

| | | |
|---|---|---|
| **For Ethernet:** | UCIP IP in local network | |
| | Local Mask + Gateway | |
| **For GPRS:** | APN GPRS net name | |
| | User | |
| | Password | |
| | SIM card PIN (or remove) | |
| **To a CRA:** | Client Number/code | |
| | CRA IP | |
| | IP port | |
| | ALIVE time | |
| | Encryptation password | |
| **Information for the CRA** | UCIP Production Serial # | S/N: |
| | Protocol UCIP | Honeywell R TCPv9.0.2;R20;Lopez Bellov9.0.2 Receiver - Protocol Alwon 128 (Contact ID) |

## UCIP / UCIP GPRS Default Settings

**INFORMACIÓN DE PRODUCTO**:

The UCIP and UCIP-GPRS Communicator permits to connect panels via IP by Ethernet or/and GPRS.
UCIP/UCIP GPRS is compatible to connect to an IP Central Receiver Alarm center the Honeywell Fire Alarm Panels: Notifier:ID3000, ID50, NFS Supra; Morley-IAS: CONNEXION, VSN-2Plus and ESSER: ESS-2PLUS.

UCIP-GPRS is shipped to be connected to the Honeywell GPRS APN to be linked to the FireIMT online server and associated services.

When UCIP is connected to he compatible panels it recognizes the panel protocol and its serial port is automatically set to communicate with it. SIM card is detected at the device start up to start the GPRS modem. In some panels it is necessary to configure the Integration protocol.
The UCIP SERIAL NUMBER is different on each device and must be indicated to the Central Alarm Receiver center to configure client.

**DEFAULT SETTINGS:**
Default settings includes:
-**Serial Port** to Fire panel link : 9600 Baud, no parity, to panel port RS232 or TTL (depending on port Jumpers).
-**GPRS Network**: SIM is required, configured to connect to Fire IMT server (port 5000) Requires SIM card provibed by Honeywell and client settings)
-**ETHERNET** to remote link by port 5000 (TG):
IP UCIP: 192.168.0.100, Mask 255.255.255.0, Gateway 192.168.0.1, Ethernet port: 5000
-**CRA**: Requires CRA IP address configuration, by default sends System Alarm and Fault by zones state.
-**SMS**: SIM is required. No phone is configured: Sends complete information and device labels configured in the ID and DXc panels.
.
**Configuration checking:**
The device configuration can be checked by using the CONFIG command connected to device in the configuration mode.
**>config**
SERIAL NUMBER- ***xxxxxxx***
CRA1- Suscriber:, IP:0.0.0.0, Puerto:0, Alive:0, Key:, Channel:GPRS+ETH
CRA2- Suscriber:, IP:0.0.0.0, Puerto:0, Alive:0, Key:, Transmission: On fail of CRA 1; Channel:GPRS+ETH
SMS/DAY- Without limit ,Send: 0
TCP/IP- MAC:00-04-A4-01-00-05, IP:192.168.0.100, Mask:255.255.255.0, Gateway:192.168.0.1, DHCP:ON, Host:E20_5
TELNET- Port:23
UART1- Speed:9600, Parity:NONE
I2C- Local Address:40, Remote Address:0
RS485-Local Address:3, Remote Address:0
UDP-Address:0.0.0.0, Port:1
TCP SERVER-Port:5000
TCP CLIENT-Address:0.0.0.0, Port:1
GPRS- wlapn.com, User: honeywell, Password: honeywell
GPRS SOCKET-NONE
GPRS SERVER- Local Address:0.0.0.0, Local Port:5000
SMS ALARM- CRA:, User1:, User2:

### Configuration commands:

**CRA1** ACCOUNT IPADDRESS PORT ALIVE KEY: Configure the CRA account number, central IP,key and Alive period
**CRA2** ACCOUNT IPADDRESS PORT ALIVE KEY TRANSMISSION: Configure the CRA2 account number, central IP,key and Alive period
**CONFIG** PORT PARAM1 PARAM2:Config Port or display configuration
**EVENT** EVENT CODE: Config ContactID event codes
**EVENTNAME** EVENT NAME: Config event name
**EXIT** :Exit program console
**FAULT** FAULT CODE: Config fault codes
**GSM** Modem GSM Communication console
**GPRS** APN USER PASSWORD:Config GPRS network
**INI** :Reset configuration (no borra IP ETH)
**OUT** OUTPUT STATUS TIMER: Enable or disable digital output
**PIN** PIN: SIM PIN settings
**RESET** System Reset, Cold start
**SMS** CENTRAL_PHONE USER_PHONE1 USER_PHONE2 MAXSMS: SMS parameters configuration
**TCPIP** ADDRESS MASK GATEWAY DHCP:Config TCP/IP
**ZONE** ZONE SENSOR MODULE FAULT DISABLE:Config zone event codes
**ZONENAME** ZONE NAME: Config zone name
**TCPIP** INI : Set default IP. The INI command does not change device IP.
**CRA**X OFF: Erase CRA X(1 o 2) settings

**Note**: Before to install the system, check and read carefully device
and connected panel manuals and don't make any action before to understand them.

Product Manuals download:



Read carefully the product manual before to install this material.

Honeywell Life Safety Iberia, S.L. reserves the right to do any change in this information without notice.
For accurate and updated information go to www.honeywelllifesafety.es