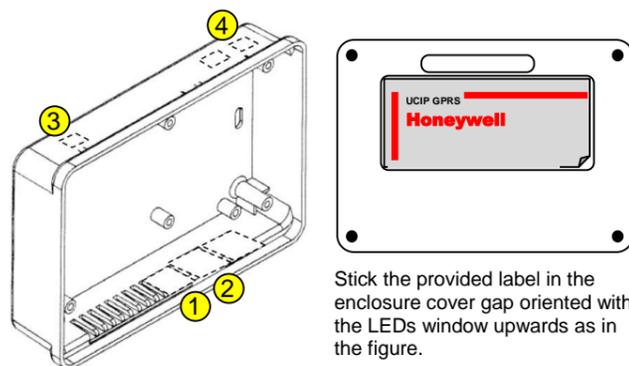


Installation

1 Standard cable holes

Cut the necessary holes in the SMB-T enclosure

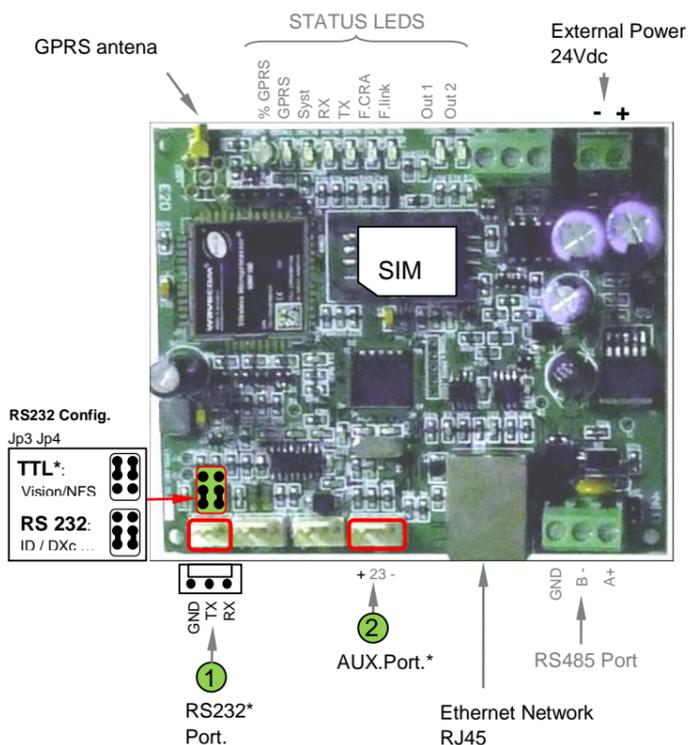
- 1- RS-232 Port or AUX Port (Panel cable link)
- 2- RJ45 Ethernet port (Commissioning and Network)
- 3- GPRS antenna (UCIP GPRS only)
- 4- 24Vcc External power



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

3 Connections

Connect needed cables as below:



RS232 Config. Jp3 Jp4

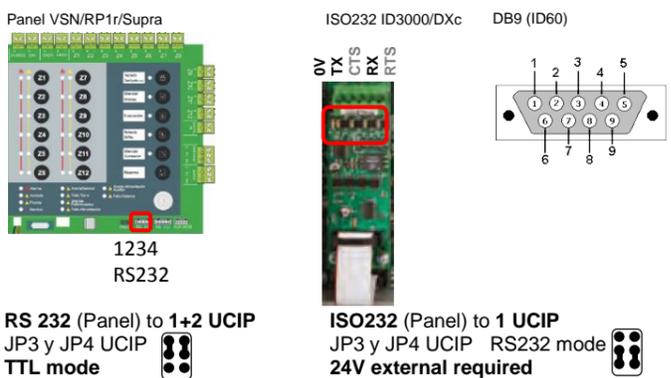


RS232 / TTL\* Serial port

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

4 Panel connection

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



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

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

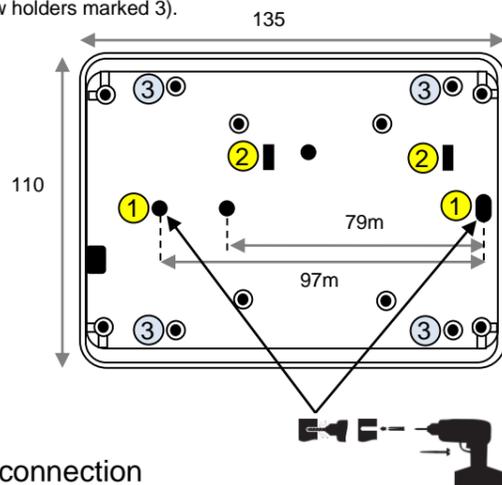
Panel Port settings:

- 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)

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 enclosure by the 4 screw holders marked 3).



Settings

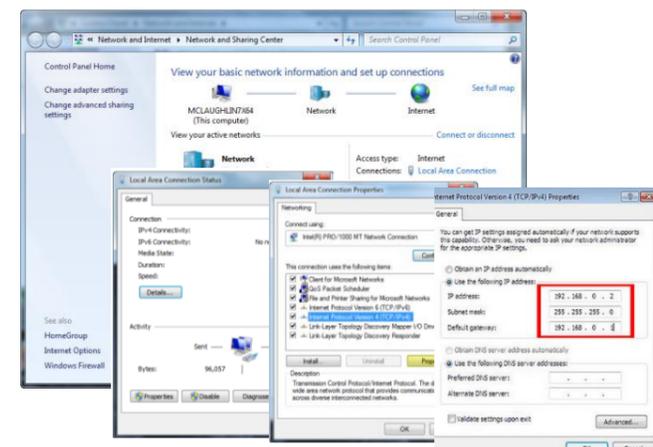
5 Configuration Console / Hyperterminal

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

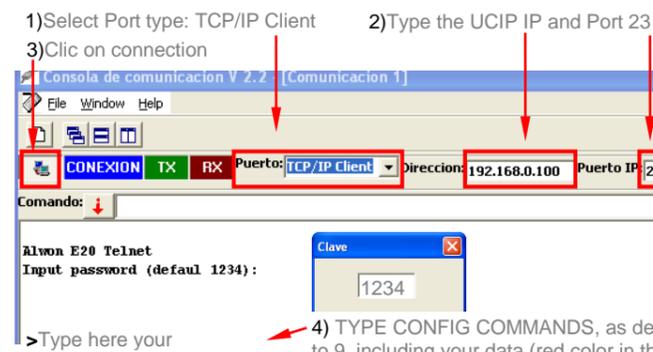
Default Serial P. UCIP: RS232: 9600 Baud No parity	Default IP address: 192.168.0.100 Mask: 255.255.255.0 Gateway:192.168.0.1 Config. Port:23
--	--

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 same 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



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 TCPSEVER 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 60seg, 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 60seg, 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

Technical features

**Status LEDs:**

ALRM1	DL1-RED	- EXISTING DATA WITH CRA
ALRM2	DL2-RED	- EXISTING DATA WITH PANEL
ALRM3	DL3-RED	-GPRS BIDIRECTIONALITY ACTIVE
ALRM4	DL4-RED	-TCP/IP BIDIRECTIONALITY ACTIVE
BLINK	DL5-GREEN	SOFTWARE WORKING ON: Powered inactive process Slow blinking : Process running OK Off: Inoperative Process
COBER	DL6- BICOLOR	GSM Coverture - GREEN MAXIMUM COVERTURE - ORANGE MEDIUM COVERTURE - RED LOW COVERTURE - BLINK GPRS SERVER CONNECTED
TX MOD	DL7-GREEN	GSM MODEM CONNECTED GPRS / GSM activity 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) 1 x Ethernet (ADSL, LAN, etceteras...) 1 x Modem GSM (GSM, SMS, GPRS) 1 x I2C double connector and power 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 Connectivity checking (stay alive) and bidirectionality. 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:**

<b>For Ethernet:</b>	UCIP IP in local network	
	Local Mask + Gateway	
<b>For GPRS:</b>	APN GPRS net name	
	User	
	Password	
	SIM card PIN (or remove)	
<b>To a CRA:</b>	Client Number/code	
	CRA IP	
	IP port	
	ALIVE time	
	Encryption password	
<b>Information for the CRA</b>	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 provided 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- xxxxxxxx

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.
- CRAX 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:

