

**Instrucciones de seguridad**

**⚠️ ATENCIÓN**

Siga atentamente estas instrucciones de seguridad e instalación. Un manejo inadecuado puede ocasionar daños graves para su salud y daños irreparables en el interfaz y/o en la unidad interior del aire acondicionado.

- Esta interfaz debe ser instalado por personal técnico acreditado (electricista, instalador, o personal técnico cualificado) y siguiendo todas las instrucciones de seguridad.
- La interfaz debe ser instalada en una ubicación con acceso restringido.
- Antes de manipular en el interior del A.A., asegúrese de que está completamente desconectado de la red eléctrica.
- En caso de instalación mural del interfaz junto a la unidad interior del A.A., fije la interfaz de forma segura siguiendo las instrucciones del diagrama de abajo.
- En caso de instalación del interfaz en el interior de la unidad interior del aire acondicionado, fije la interfaz y los cables de comunicación preferiblemente a algún punto de la carcasa de plástico de forma que no interfieran al libre movimiento de partes móviles y alejados al máximo de tubos conductores de líquido y cables de potencia.

**Safety intructions**

**⚠️ WARNING**

Follow carefully this safety and installation instructions. Not proper work may lead to a serious damage for your health and may harm seriously the interface and/or the AC indoor unit.

- This interface must be installed by accredited technical personnel (electrician, installer or qualified technical personnel) and they must follow all the safety instructions.
- This interface must be installed in an acces restricted location
- Before manipulating the AC indoor unit, make sure it is completely disconnected from Mains power.
- In case of wall mounting of the interface next to the AC indoor unit, attach the interface safely following the instructions of the diagram below.
- In case of installation of the interface inside the AC indoor unit, attach the interface and communication cables preferably to any proper point of the unit's plastic cover and take care to not block the free movement of mobile parts. Locate them as far as possible from pipes containing liquids and power cables.

**Instrucciones de instalación**

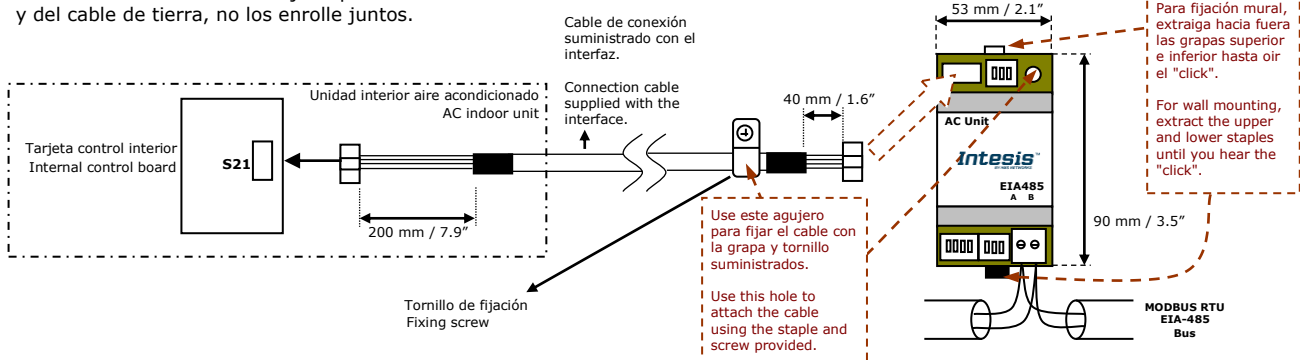
- Desconecte el aire acondicionado de la red eléctrica.
- Fije el interfaz a la pared junto a la unidad interior del aire acondicionado siguiendo las instrucciones del diagrama de abajo o dentro de la unidad interior del aire acondicionado (respete las instrucciones de seguridad anteriores).
- Conecte el cable de conexión incluido con el interfaz, entre el interfaz y la unidad interior del aire acondicionado, siga las instrucciones del diagrama de abajo.
- Conecte el bus EIA485 al conector EIA485 del interfaz. Respeta la polaridad.
- Tape la unidad interior del aire acondicionado y vuelva a conectarlo a la red eléctrica.
- Siga las instrucciones del Manual de Usuario para la configuración y puesta en servicio del interfaz.
- Siga las instrucciones de la página siguiente para configurar la interfaz a través de los micro interruptores.

**Installation instructions**

- Disconnect the air conditioning from Mains Power.
- Attach the interface next to the AC indoor unit (wall mounting) following the instructions of the diagram below or install it inside the AC indoor unit (follow the safety instructions given above).
- Connect the connection cable included with the interface between the interface and the AC indoor unit following the instructions of the diagram below.
- Connect the EIA-485 bus to the connector EIA485 of the interface.
- Close the AC indoor unit and reconnect it to Mains Power.
- Follow the instructions of the User's Manual to configure the system and do the commission of the interface.
- Follow the instructions of the next page to configure the interface through on-board DIP-switches.

**IMPORTANTE:** El cable que se incluye en la caja de envío para conectar la unidad de AA a la pasarela tiene una extensión de 1,5 m (4.9 pies). La ampliación o acortamiento del cable puede provocar un funcionamiento incorrecto. Mantenga el cable de conexión lo más alejado posible del cableado eléctrico y del cable de tierra, no los enrolle juntos.

**IMPORTANT:** The cable supplied to connect the AC unit to the gateway is 1.5 m (4.9 ft) long. Extending or shortening this cable may cause a malfunction. Keep the connecting cable as far away as possible from electrical wires and ground wires. Do not bundle them together.



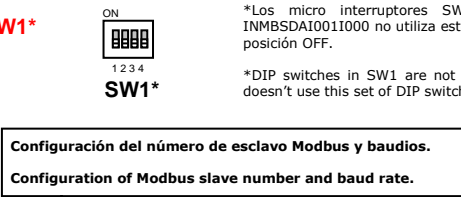
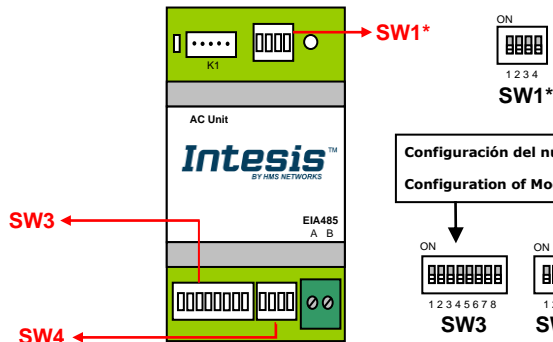
El Manual de Usuario está disponible en - The User's Manual is available at:  
<https://intesis.com/products/ac-interfaces/daikin-gateways/daikin-modbus-ac-dk-ac-mbs-1>

Configuración por micro interruptores

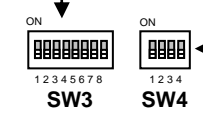
Configuration through DIP switches

**IMPORTANTE:** Es necesario resetear el equipo (quitar tensión) tras modificar la configuración de los micro interruptores para que ésta se aplique.

**IMPORTANT:** It is required to reboot or power cycle the interface every time the DIP switch configuration changes.



\*Los micro interruptores SW1 actualmente no se utilizan. La versión actual de INMBSDAI001I000 no utiliza este conjunto de micro interruptores. Se recomienda dejarlos en posición OFF.  
 \*DIP switches in SW1 are not currently in use. The current version of INMBSDAI001I000 doesn't use this set of DIP switches. They should be left in OFF position



Configuración del número de esclavo Modbus y baudios.  
 Configuration of Modbus slave number and baud rate.  
 Configuración de los baudios, magnitud temperatura (x1/x10), unidades de temperatura (°C/°F) y resistencia de terminación de EIA-485.  
 Configuration of baud rate, temperature magnitude (x1/x10), temperature units (C°/F°) and termination resistor for EIA-485.

Baud rate configuration												
SW3								SW4				Description
P1	P2	P3	P4	P5	P6	P7	P8	P1	P2	P3	P4	
X	X	X	X	X	X	OFF	OFF	X	X	OFF	X	2400 bps
X	X	X	X	X	X	ON	OFF	X	X	OFF	X	4800 bps
X	X	X	X	X	X	OFF	ON	X	X	OFF	X	9600 (default) bps
X	X	X	X	X	X	ON	ON	X	X	OFF	X	19200 bps
X	X	X	X	X	X	OFF	OFF	X	X	ON	X	38400 bps
X	X	X	X	X	X	ON	OFF	X	X	ON	X	57600 bps
X	X	X	X	X	X	OFF	ON	X	X	ON	X	76800 bps
X	X	X	X	X	X	ON	ON	X	X	ON	X	115200 bps

Temperature units and EIA-485 termination resistor				
SW4				Description
P1	P2	P3	P4	
ON	X	X	X	Temperature values in decidegrees (x10)
OFF	X	X	X	Temperature values in degrees (x1) (default value)
X	ON	X	X	Temperature values in degrees Fahrenheit
X	OFF	X	X	Temperature values in degrees Celsius (default value)
X	X	X	ON	Internal termination resistor of 120Ω connected
X	X	X	OFF	Internal termination resistor of 120Ω disconnected (default value)

Modbus address																																			
Addr	SW3								Addr	SW3								Addr	SW3																
	1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
0	OFF	OFF	OFF	OFF	OFF	OFF	X	X	16	OFF	OFF	OFF	OFF	ON	OFF	X	X	32	OFF	OFF	OFF	OFF	OFF	ON	X	X	48	OFF	OFF	OFF	OFF	ON	ON	X	X
1	ON	OFF	OFF	OFF	OFF	OFF	X	X	17	ON	OFF	OFF	OFF	ON	OFF	X	X	33	ON	OFF	OFF	OFF	OFF	ON	X	X	49	ON	OFF	OFF	OFF	ON	ON	X	X
2	OFF	ON	OFF	OFF	OFF	OFF	X	X	18	OFF	ON	OFF	OFF	ON	OFF	X	X	34	OFF	ON	OFF	OFF	OFF	ON	X	X	50	OFF	ON	OFF	OFF	ON	ON	X	X
3	ON	ON	OFF	OFF	OFF	OFF	X	X	19	ON	ON	OFF	OFF	ON	OFF	X	X	35	ON	ON	OFF	OFF	OFF	ON	X	X	51	ON	ON	OFF	OFF	ON	ON	X	X
4	OFF	OFF	ON	OFF	OFF	OFF	X	X	20	OFF	OFF	ON	OFF	ON	OFF	X	X	36	OFF	OFF	ON	OFF	OFF	ON	X	X	52	OFF	OFF	ON	OFF	ON	ON	X	X
5	ON	OFF	ON	OFF	OFF	OFF	X	X	21	ON	OFF	ON	OFF	ON	OFF	X	X	37	ON	OFF	ON	OFF	OFF	ON	X	X	53	ON	OFF	ON	OFF	ON	ON	X	X
6	OFF	ON	ON	OFF	OFF	OFF	X	X	22	OFF	ON	ON	OFF	ON	OFF	X	X	38	OFF	ON	ON	OFF	OFF	ON	X	X	54	OFF	ON	ON	OFF	ON	ON	X	X
7	ON	ON	ON	OFF	OFF	OFF	X	X	23	ON	ON	ON	OFF	ON	OFF	X	X	39	ON	ON	ON	OFF	OFF	ON	X	X	55	ON	ON	ON	OFF	ON	ON	X	X
8	OFF	OFF	OFF	ON	OFF	OFF	X	X	24	OFF	OFF	OFF	ON	ON	OFF	X	X	40	OFF	OFF	OFF	ON	OFF	ON	X	X	56	OFF	OFF	OFF	ON	ON	ON	X	X
9	ON	OFF	OFF	ON	OFF	OFF	X	X	25	ON	OFF	OFF	ON	ON	OFF	X	X	41	ON	OFF	OFF	ON	OFF	ON	X	X	57	ON	OFF	OFF	ON	ON	ON	X	X
10	OFF	ON	OFF	ON	OFF	OFF	X	X	26	OFF	ON	OFF	ON	ON	OFF	X	X	42	OFF	ON	OFF	ON	OFF	ON	X	X	58	OFF	ON	OFF	ON	ON	ON	X	X
11	ON	ON	OFF	ON	OFF	OFF	X	X	27	ON	ON	OFF	ON	ON	OFF	X	X	43	ON	ON	OFF	ON	OFF	ON	X	X	59	ON	ON	OFF	ON	ON	ON	X	X
12	OFF	OFF	ON	ON	OFF	OFF	X	X	28	OFF	OFF	ON	ON	ON	OFF	X	X	44	OFF	OFF	ON	ON	OFF	ON	X	X	60	OFF	OFF	ON	ON	ON	ON	X	X
13	ON	OFF	ON	ON	OFF	OFF	X	X	29	ON	OFF	ON	ON	ON	OFF	X	X	45	ON	OFF	ON	ON	OFF	ON	X	X	61	ON	OFF	ON	ON	ON	ON	X	X
14	OFF	ON	ON	ON	OFF	OFF	X	X	30	OFF	ON	ON	ON	ON	OFF	X	X	46	OFF	ON	ON	ON	OFF	ON	X	X	62	OFF	ON	ON	ON	ON	ON	X	X
15	ON	ON	ON	ON	OFF	OFF	X	X	31	ON	ON	ON	ON	ON	OFF	X	X	47	ON	ON	ON	ON	OFF	ON	X	X	63	ON	ON	ON	ON	ON	ON	X	X



This marking on the product, accessories, packaging or literature (manual) indicates that the product contains electronic parts and they must be properly disposed of by following the instructions at <https://intesis.com/weee-regulation>