

IN485UNI0011000 Universal IR RS485 interface

Installation Sheet rev.2.0

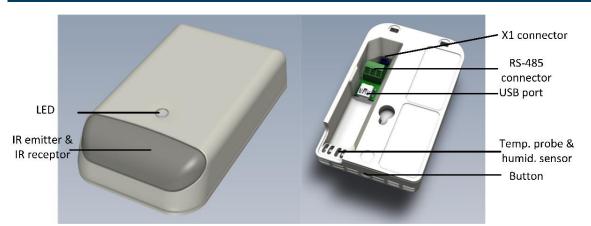
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PRODUCT OVERVIEW

Owner's Record

The serial number is located at the rear of the gateway. Record this information in the space provided below. Refer to it whenever you contact upon your gateway dealer or support team regarding this product.

Serial No. _



SAFETY INSTRUCTIONS

 WARNING - Follow this safety and installation instructions carefully. Improper work may lead to serious harm to your health and may seriously damage the Intesis gateway and/or any other equipment connected to it.

This Intesis interface must be installed by qualified personnel, following all the safety instructions given here and in accordance with local regulations for electrical equipment. The Intesis gateway cannot be installed outdoors or exposed to direct solar radiation, moisture or dust.

Before manipulating the indoor AC unit, be sure it is completely disconnected from mains power.

DIP-switch block

To access the built-in DIP-switch block, open the enclosure by releasing the back lid. Gently bend both frontal click-fit tabs by inserting a plane tool tip (size <5 mm). This operation must be performed by qualified personnel only

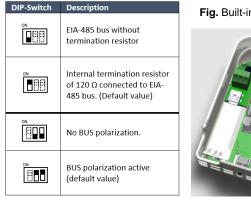


Fig. Built-in DIP-switch block

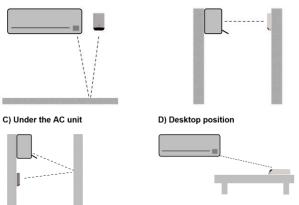


INSTALLATION

Intesis IN485UNI001I000 is intended for wall / desktop mount.

1. Check device emplacement using your Air Conditioner IR remote controller. Make sure that you can control the AC unit properly with the IR remote controller from that location. Different emplacements are acceptable, as shown in figures below B) In front of the AC unit

A) Side-by-side with the AC unit



- Connect the RS-485 bus cable to built-in RS-485 3-pin screw 2. terminal block. Notice terminals A (+), B (-) and SG (ground)
- Connect supplied USB cable to USB built-in connector (mini B 3. type), for power supply and communication with config tool

Signal Ground BACnet: SGND Data Positive BACnet: A/+ Data Negative BACnet: B/-

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TECHNICAL SPECIFICATIONS

Enclosure	Plastic, type PC (UL 94 V-0) Net dimensions (dxwxh): 93 x 58.5 x 21 mm / 3.7" x 2.3" x 0.83" Color: Light Grey. NCS S 1002-B	Operating Temperature	0ºC to +60ºC
Weight	55 g.	Storage Temperature	-20°C to +85°C
Mounting	Wall On a clean surface (desktop…)	Operating Humidity	5% to 95% RH, non-condensing
Terminal Wiring	For terminal: solid wires or stranded wires (twisted or with ferrule) 1 core: 0.25mm ² 1mm ² 2 cores: 0.25mm ² 0,75mm ² 3 cores: 0.25mm ² 0,75mm ²	Storage Humidity	<95% RH, non-condensing
EIA-485	1 x EIA485 Plug-in screw terminal block (3 poles): Signal Ground: SG / SGND Data positive: A/+ Data negative: B/-	Protection	IP20 (IEC60529)
USB port	1 x Standard mini USB, 5VDC. Consumption max. 400mA	LED indicators	1 x external LED - Operational status
Buttons	1 x button		



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

