

INSPINIA AIRCON INTERFACE

SINGLE AIRCON INTERFACE - Datasheet



BASED ON SKY THINGS FRAMEWORK

Technical Specifications

Hardware :	NRF52840 Chipset													
Software:	Firmware for each brand Bluetooth updatable firmware													
Display:	1" Oled LCD Mono color													
Power Supply:	No additional power supply required for Daikin, Mitsubishi Electric, Samsung, Mitsubishi Heavy 24 VDC (Operation Voltage) required for Midea Power consumption max. 3W													
Standard Interfaces:	Air-conditioner Remote Controller Communication (see below list) (1x) Bluetooth 5.0 (Based on customized protocol) (2x) Digital In (1x) External Temperature Sensor (NTC10K)	VRV & VRF SYSTEMS Bluetooth KNX												
Optional Interfaces:	KNX Twisted Pair (KNX)													
Working Temperature & Humidity	-15°C – +70°C 5% – 90% at 25°C													
Dimensions	92x53x25 mm													
Mounting Type	On-Wall Mount													
Supported Air Conditioners	<table><tr><th>Brand Name</th><th>Port/Connection Name</th></tr><tr><td></td><td>S21 - or - P1 - P2</td></tr><tr><td></td><td>F3 - F4</td></tr><tr><td></td><td>CN105 - or - TB15</td></tr><tr><td></td><td>X - Y</td></tr><tr><td></td><td>X - Y</td></tr></table>		Brand Name	Port/Connection Name		S21 - or - P1 - P2		F3 - F4		CN105 - or - TB15		X - Y		X - Y
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Certificates and Compatibility:														

Order Code(s)

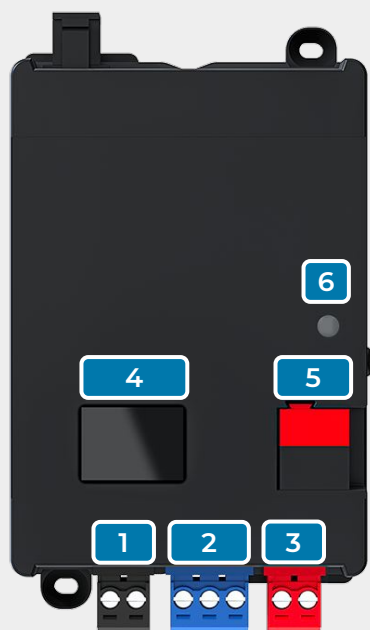
ACI-B-XX	: Aircon BLE Interface
ACI-M-XX	: Aircon Modbus Interface
ACI-K-XX	: Aircon KNX Interface

INSPINIA Manual

SINGLE AIRCON INTERFACE - Installation Manual



PORTS & CONNECTIONS



1 EXT Temperature Sensor

NTC 10K

2 I / O

I/O I/O C

3 24V DC

+ -

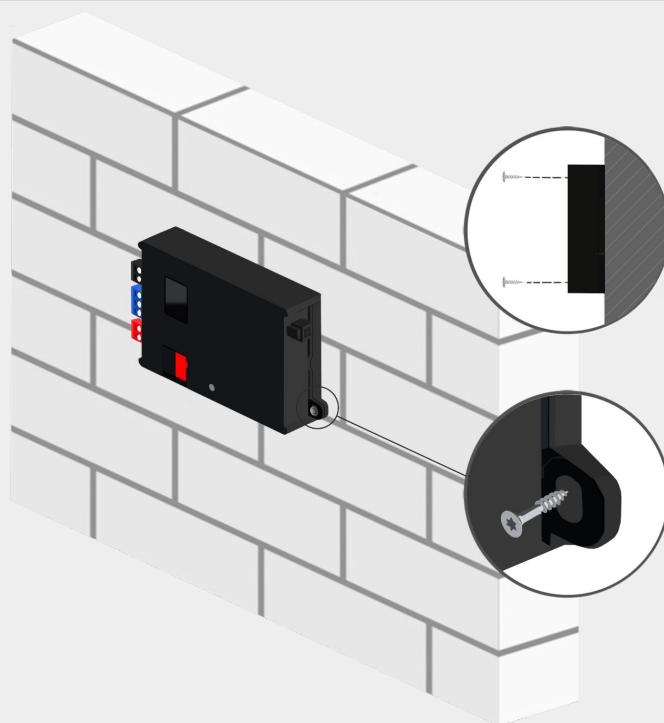
4 1" LCD

5 KNX 29V DC

- +

6 Status LED

HOW TO MOUNT YOUR INSPINIA



Local Web Interface

No Local Web Interface

