

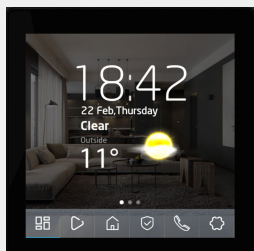
INSPINIA 4 SQ

4" Room Controller - Datasheet



Metal Frame Options

Without Frame



Silver



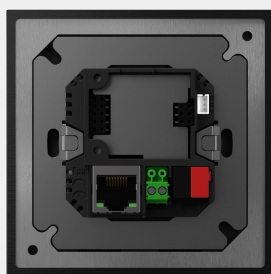
Gold



Black

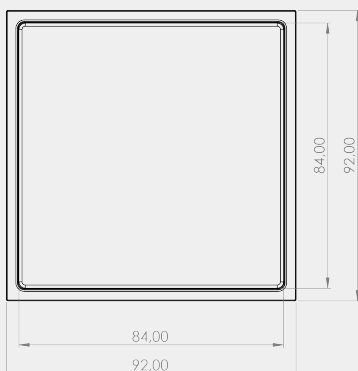


Product Side Views

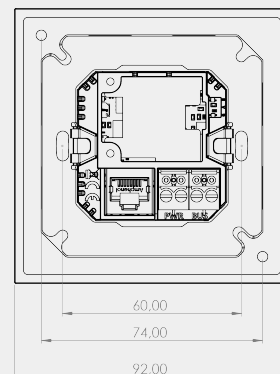
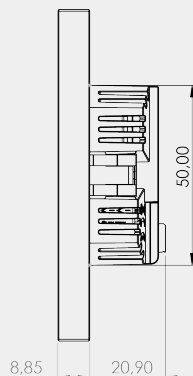


Product & Back Box Dimensions

Front view with and without metal frame (mm)

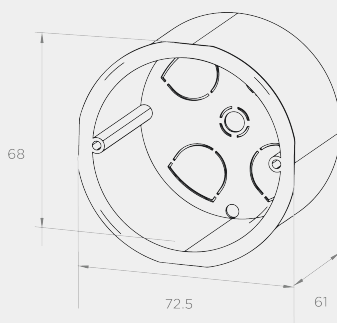


Back and side view with metal frame (mm)



Required Back Box

EU Standard 1G, Isometric view (mm)



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Product Specifications

Hardware / Software:	ARM A7 Single-Core 1.2 GHz / 128MB DDR3 Ram / 2GB SD Flash
	OS Linux 3.4 with Inspinia Application up to 200 UI objects and 1000 BMS points
	Initial license: 200 BMS points / No HVAC (VRV/VRF) point
Display:	IPS 4" 480 x 480 resolution 400 cd/m2 luminance 5 Point capacitive touchscreen
Power Supply:	24VDC In POE IEEE 802.3af Power consumption max. 5W
Standard Interfaces:	1x LAN (POE) RJ45 10/100Mbps interface 1x Add-On Port (Optional Interface Port) 1x Digital Out (5VDC) 1x Digital In
Built-in Sensors:	Humidity sensor range 0% up to 100% RH Temperature sensor range -40°C up to +125°C
Optional Interfaces (Ref.):	KNX TP (A-KNX) Bticino (SCS) TP(A-SCS) iNELS Bus TP (A-iBUS) Galvanic isolated RS485 Modbus (A-GRS4) VRF mainline communication (A-VXX) Zigbee 3.0 (A-ZGB)
Working Temperature & Humidity:	-10°C – +60°C 5% – 90% at 25°C
Certificates and Compatibility:	 



Order Code(s)

INS45SQ

: Inspinia SQ 4" Room Controller



Inspiration for your **living space**

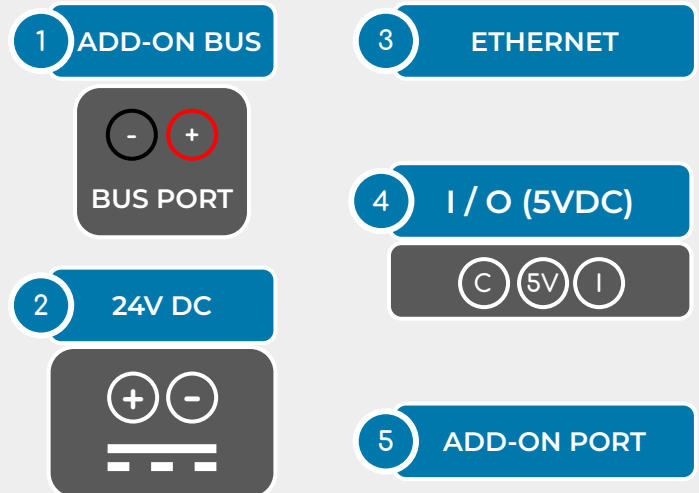
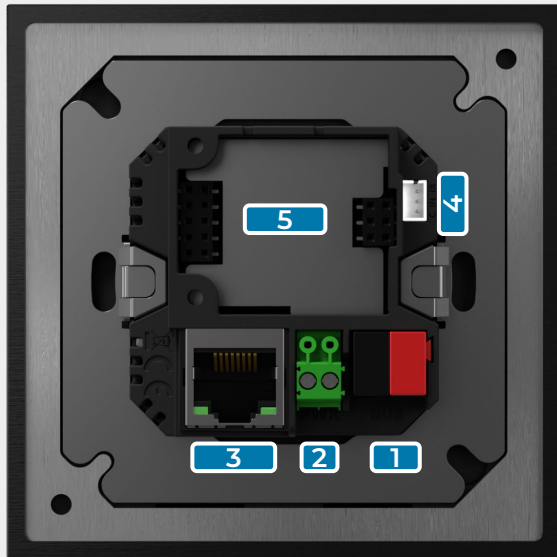
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4" Room Controller - Installation Manual



PORTS & CONNECTIONS



PORT CONNECTION - TABLE

	DAIKIN	HITACHI	LG	MITSUBISHI ELECTRIC	MITSUBISHI HEAVY INDUSTRIES	Panasonic	SAMSUNG	TOSHIBA
Terminals								
3 Port 1	A B C	A B C	A B C	A B C	A B C	A B C	A B C	A B C
4 Port 2	F1 F2	1 2	A B	M1 M2	A B	U1 U2	R1 R2	U1 U2
Comm. Line	D3 NET	TCC LINK	INTER A B CEN A B	M NET (TB3/7)	SLINK I/II	S3 NET	NASA	TCC LINK
Indoor Unit*	64	64	64	50	64	64	64	64
Outdoor Unit*	16	16	-	10	-	-	16	-

*The functionality of Indoor Units (IDU) and Outdoor Units (ODU) is subject to the limitations set by the manufacturer. The VRV/VRF Add-Ons will consistently operate as the primary master central controller.

	iNELS	KNX	Modbus	SCS
Terminals				
6 Port 1	A B C	A B C	A B C	A B C
7 Port 2	+ -	+ -	A B G	+ -
Communication	Inels Bus	KNX TP	RS485	SCS Bus

Local Web Interface

Username : admin
Password : aEuXW6gn



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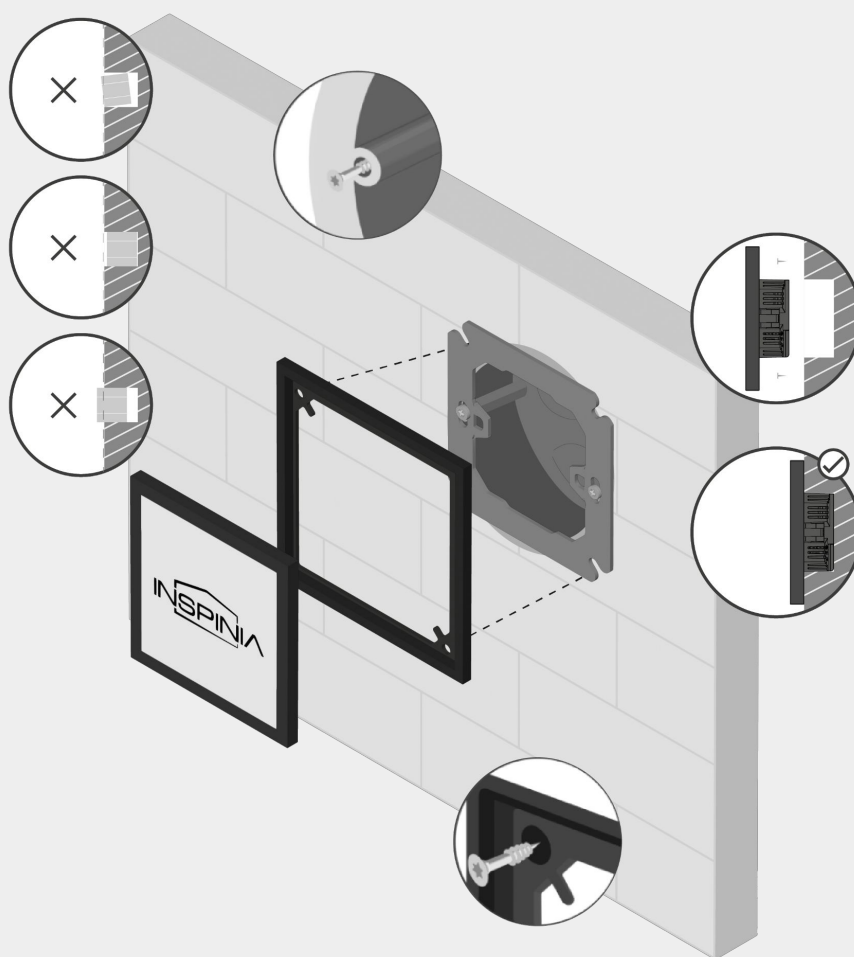


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HOW TO MOUNT YOUR INSPINIA



Local Web Interface

Username : admin
Password : aEuXW6gn



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