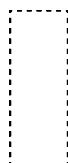


Inspinia

4 SQ

4" Room Controller

METAL FRAME OPTIONS



Without Frame



Silver



Gold



Black

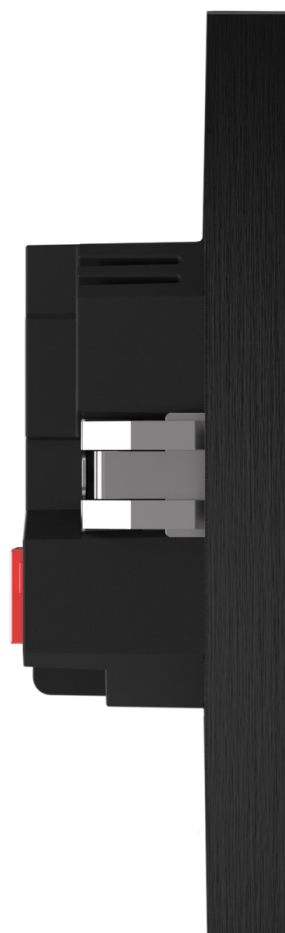
Metal frame is an optional trim. A single order code covers the controller; specify the frame separately.



PRODUCT VIEWS



Rear · terminals



Profile

TECHNICAL SPECIFICATION

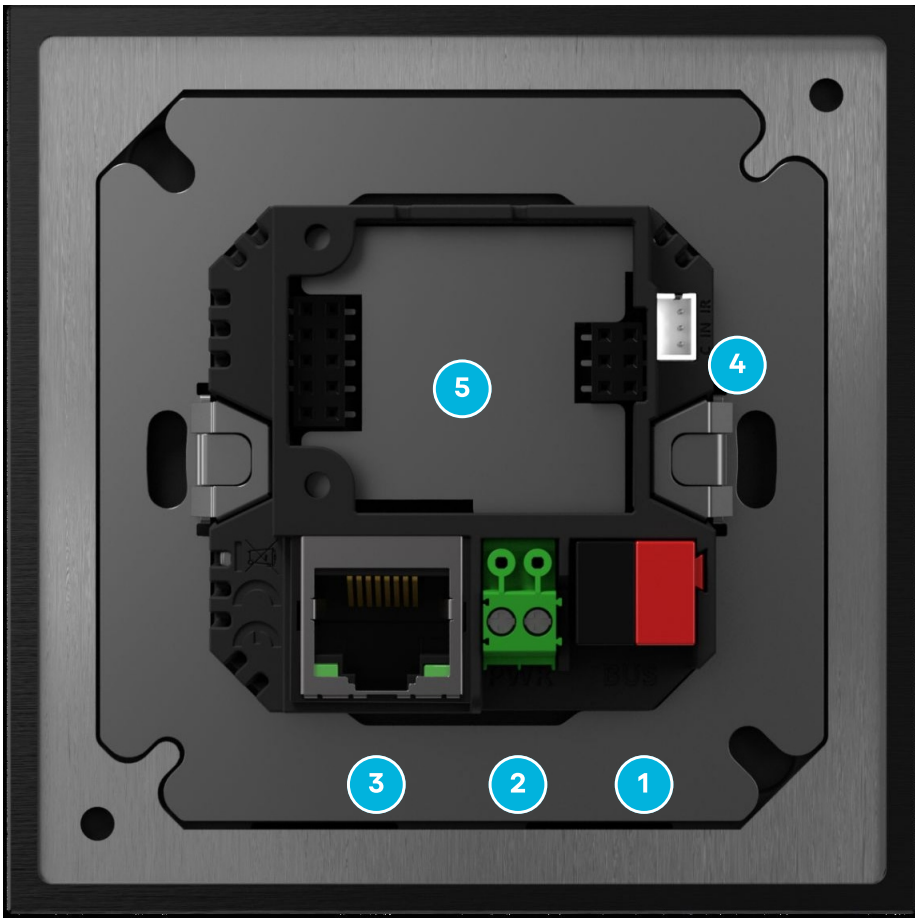
Hardware / Software	ARM A7 Single-Core 1.2 GHz / 128MB DDR3 Ram / 2GB SD Flash Linux 3.4 with Inspinia Application up to 200 UI objects and 1000 BMS points Initial license: 200 BMS points / No HVAC (VRV/VRF) point
Display	IPS 4" 480 x 480 resolution 400 cd/m2 luminance 5 Point capacitive touchscreen
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

ORDERING

INS4SQ Inspinia SQ 4" Room Controller

A single order code covers the controller. The metal frame is a separate optional trim — confirm frame availability and code with Inspinia.

PORTS & CONNECTIONS

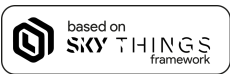


Rear view · terminals identified in the legend below.

TERMINAL LEGEND

1	Add-On Bus	- · +	4	I / O (5VDC)	C · 5V · I
2	24V DC	+ · -	5	Add-On Port	Optional interface module
3	Ethernet	RJ45 10/100 Mbps · PoE 802.3af			

CERTIFICATION & COMPATIBILITY





CE certificate on file — 4" touch panels. Marks shown only where a certificate or verified integration exists.

PORT CONNECTION

BRAND	TERMINALS	COMMUNICATION LINE	IDU*	ODU*
 DAIKIN	F1 · F2	D3 NET	64	16
Hisense  HITACHI	1 · 2	TCC LINK	64	16
 LG	A · B	INTER A B / CEN A B	64	—
 MITSUBISHI ELECTRIC	M1 · M2	M NET (TB3/7)	50	10
 MITSUBISHI HEAVY INDUSTRIES	A · B	SLINK I/II	64	—
Panasonic  SANYO	A · B	S3 NET	64	—
SAMSUNG	R1 · R2	NASA	64	16
TOSHIBA	U1 · U2	TCC LINK	64	—

*Indoor (IDU) and outdoor (ODU) unit counts are subject to limits set by the manufacturer. VRV/VRF add-ons always operate as the primary master central controller.

BUS PROTOCOL	TERMINALS	COMMUNICATION LINE
 iNELS	+ · -	iNELS Bus
 KNX	+ · -	KNX TP
 Modbus	A · B · G	RS485
 bticino	+ · -	SCS Bus

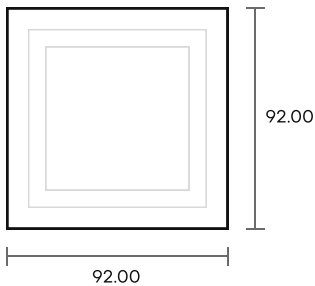
LOCAL WEB INTERFACE

The controller exposes a local web interface for commissioning. Connect a client to the same subnet and browse to its address.

Access	Browse to the panel's address on the same subnet.
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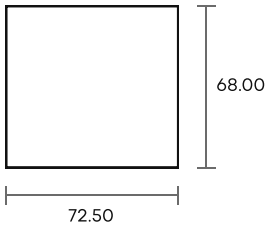
DIMENSIONS

Millimetres. The controller is square; the metal frame sets the outer dimension.



Panel with metal frame

74.00 plate · 60.00 screw pitch

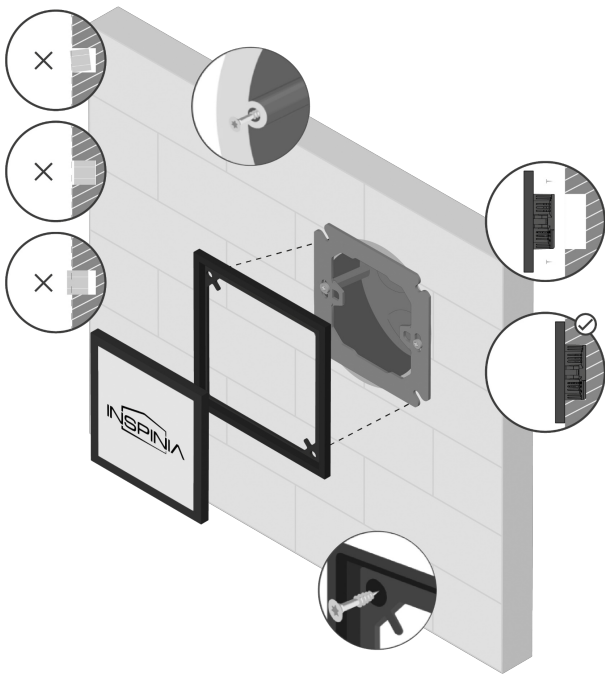


Back box — EU Standard 1G

61.00 depth · round

MOUNTING

The controller mounts into a standard round EU 1G back box. The box must sit level with the finished wall surface — a proud or recessed box prevents the frame from seating.



Extracted from the existing datasheet at source resolution — pending redraw in the new language.

MOUNTING REQUIREMENTS

Back box	EU Standard 1G · round · Ø 72.50 × 68.00 mm, 61.00 mm deep
Seating	Box face flush with finished wall surface
Outer dimension	92.00 × 92.00 mm with metal frame
Mounting plate	74.00 mm · screw pitch 60.00 mm
Service access	Rear terminal bank must remain reachable