

TOUCH PANELS

Inspinia

8 SQ

8" Touch Panel

FINISH OPTIONS



Silver
INS8SQ.S



Gold
INS8SQ.G



Black
INS8SQ.B



Pink
Code pending



Copper
Code pending



Bronze
Code pending



Red
Code pending

Brushed Aluminum. Side bar trim only; panel body and glass are common to all. Four finishes are not yet assigned an order code — confirm with Inspinia before specifying.

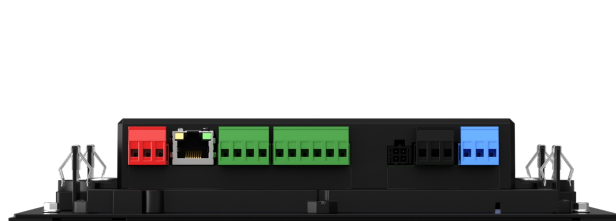
INSPINIA



PRODUCT VIEWS



Rear · connector bank



Underside · terminals



Profile

TECHNICAL SPECIFICATION

Hardware / Software	Quad-Core 1.2 GHz / 1GB DDR3 Ram / 8GB Nand flash Android 7.1 with Inspinia Application up to 1000 UI objects and 2000 BMS points Initial license: 500 BMS points / No HVAC (VRV/VRF) points
Display	IPS 8" 1280 x 800 resolution 300 cd/m2 luminance with 5 point capacitive touchscreen Horizontal working mode
Power Supply	24VDC In POE IEEE 802.3at Power consumption max. 12W
Standard Interfaces	1x LAN RJ45 10/100 Mbps interface 2x Add-On Ports (Optional Interface Ports) 5x Digital In 2x Digital Out (Dry Contact 2A / 24V DC) 1x Uni-port 2x 2 Watt Speakers 1x Mic Input
Built-in Sensors	Humidity sensor range 0% up to 100% RH Temperature sensor range -40°C up-to +125°
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) Infrared (IRGW-UP, UPort w/ 6 IR Leds)
Working Temperature & Humidity	-10°C – +60°C 5% – 90% at 25°C

ORDERING

INS8SQ.S	Inspinia SQ 8" Panel w/ Silver Bars
INS8SQ.G	Inspinia SQ 8" Panel w/ Gold Bars
INS8SQ.B	Inspinia SQ 8" Panel w/ Black Bars

PORTS & CONNECTIONS



Rear view · each number marks the connector it names in the legend below.

TERMINAL LEGEND

1	24V DC	$\pm$ · + · -	5	Uport	IRGW-UP (Infrared) · 6 IR LEDs
2	Ethernet	RJ45 10/100 Mbps	6	Add-On Bus Port 1	A · B · C
3	Outputs	O1 · O1 · O2 · O2 — dry contact 2A / 24V DC	7	Add-On Bus Port 2	A · B · C
4	Inputs	I1 · I2 · I3 · I4 · I5 · C			

CERTIFICATION & COMPATIBILITY



CE certificate on file — 8" / 10" / 14" 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

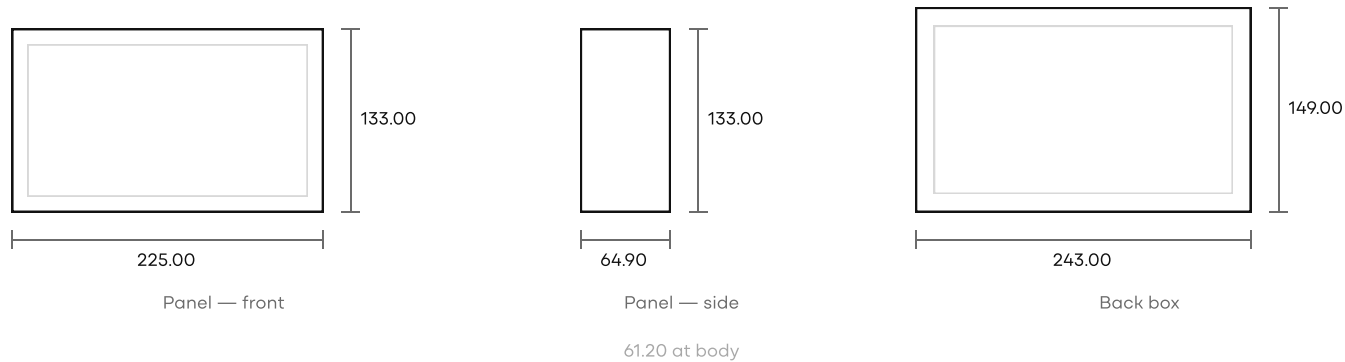
LOCAL WEB INTERFACE

The panel exposes a local web interface for commissioning. Connect a client to the same subnet and browse to the panel's address.

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

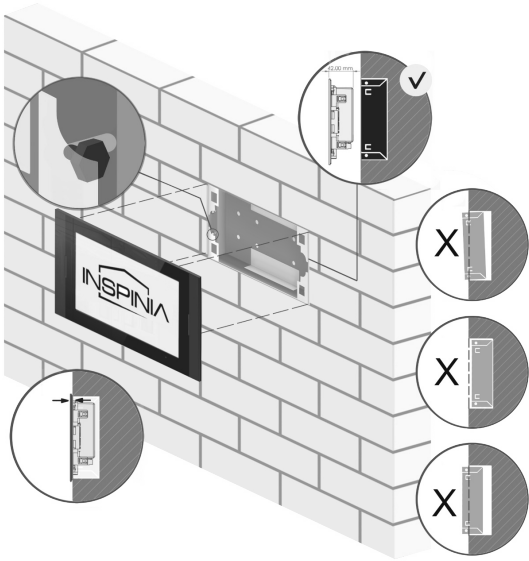
DIMENSIONS

Front and side view without back box · millimetres



MOUNTING

The panel mounts flush to a recessed back box. The box must sit level with the finished wall surface — a proud or recessed box prevents the bezel from seating.



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

MOUNTING REQUIREMENTS

Back box	Recess sized to 243.00 × 149.00 mm
Seating	Box face flush with finished wall surface
Panel depth	61.20 mm at body · 64.90 mm overall
Orientation	Horizontal working mode only
Service access	Underside connector bank must remain reachable