Inspinia
10 SQ

10″ Touch Panel

FINISH OPTIONS

Silver
INS10SQ.S

Gold
INS10SQ.G

Black
INS10SQ.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.

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 10″ 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. 14W
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

INS10SQ.S	Inspinia SQ 10" Panel w/ Silver Bars
INS10SQ.G	Inspinia SQ 10" Panel w/ Gold Bars
INS10SQ.B	Inspinia SQ 10" Panel w/ Black Bars

PORTS & CONNECTIONS

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

TERMINAL LEGEND

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

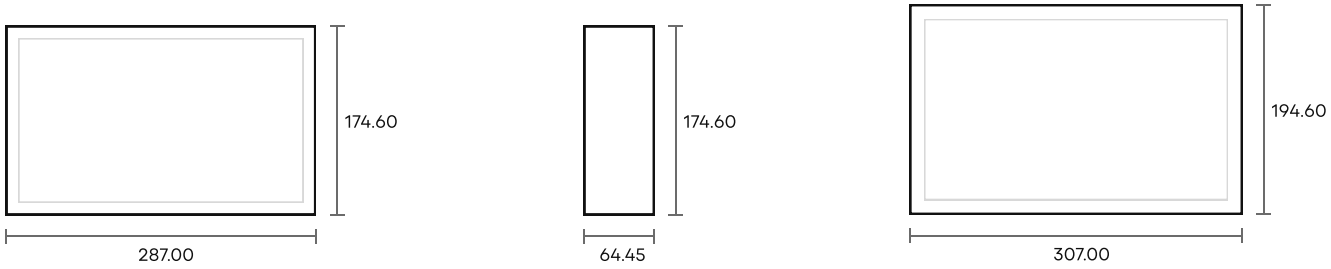
LOCAL WEB INTERFACE

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



Panel — front

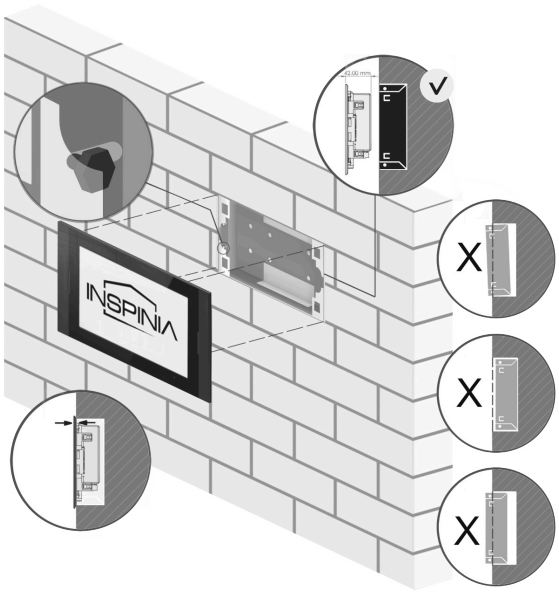
Panel — side

61.00 at body

Back box

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 307.00 × 194.60 mm
Seating	Box face flush with finished wall surface
Panel depth	61.00 mm at body · 64.45 mm overall
Orientation	Horizontal working mode only
Service access	Underside connector bank must remain reachable