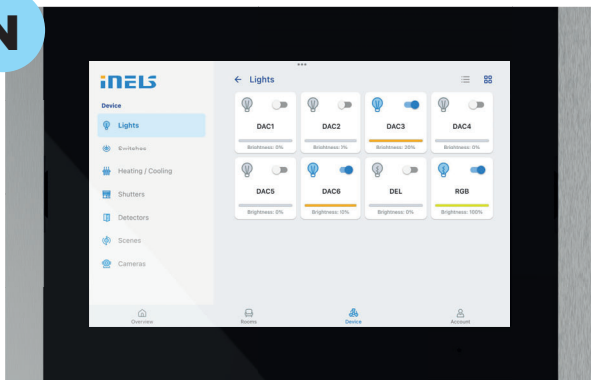


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EST10/B 10" Panel w/ Black Bars
EST10/S 10" Panel w/ Silver Bars
EST10/G 10" Panel w/ Gold Bars

EST10/B-POE 10" Panel w/ Black Bars-POE
EST10/S-POE 10" Panel w/ Silver Bars-POE
EST10/G-POE 10" Panel w/ Gold Bars-POE

Technical parameters

EST10

Hardware / Software

Hardware	Quad-Core 1.2 GHz / 1GB DDR3 Ram / 8GB Nand flash
Software:	OS Android 7.1 with iNELS application

Display

Type:	IPS 10" 1280 x 800 re Via solution
Display:	300 cd/m2 luminance
Touch part:	5 point capacitive touchscreen

Power Supply:

Supply voltage/tolerance:	24 VDC
PoE	PoE IEEE 802.3at (optional w/PSU-TP-POE)
Dissipated power:	Power consumption max. 13W

Connection

Ethernet:	1x LAN RJ45
Communication speed:	10/100 Mbps interface

Optional Interfaces

	iNELS BUS
	RS485 (EIA-485) (RS4)
	Galvanic isolated RS485 Modbus (A-GMD)
	VRF mainline communication (A-VRM -or- A-VRR)
	Zigbee 3.0 (BCU-S24-ZGB -or- BCU-POE-ZGB)

Built-in Sensors

Humidity sensor:	range 0% up to 100% RH
Temperature sensor:	range -40°C up-to +125°

Operating conditions

Working temperature:	-10°C – +60°C
Humidity:	5% – 90% at 25°C

Dimensions and weight

Dimensions:	307 x 194.6 x 39.5 mm
Standard:	EN 63044-1

Accessories

BOX-F-EST10 Flush Mount Box for 10" Touch Panel
PSU24-IR Power Supply 24VDC Railmount

- The EST10 offers a feature-rich and versatile solution for control and monitoring applications, with its powerful hardware, user-friendly display, and support for various interfaces and sensors. Its temperature and humidity tolerance make it a reliable choice in different operating environments.
- Featuring IPS 10" 1280 x 800 resolution 350 cd/m2 luminance with 5 point capacitive touchscreen.
- The device runs on OS Android 6.0 operating system with A64 Quad-Core 1.3 GHz/1GB DDR3 Ram / 8GB Nand flash supporting up to 2000 BMS points.
- EST10 touch panel designed to control iNELS with Android OS via iNELS applications.
- Integrated speakers and microphone are primarily designed for inter-com operation
- Integrated with essential sensors, the device includes an Ambient illumination measurement sensor, humidity sensor and a temperature sensor, enabling efficient environmental monitoring.
- The EST10 comes with a standard LAN RJ45 10/100Mbps interface, ensuring easy network connectivity for data transfer and communication.
- The EST10 offers a variety of optional interfaces for enhanced connectivity and compatibility. These include iNELS, RS485, Modbus, VRF, and Zigbee 3.0
- The EST10 operates within a working temperature range of -10°C to +60°C.
- The device can be powered by either 24VDC, and it also supports Power over Ethernet (POE IEEE 802.3af), providing flexibility in power options max 30W.
- Configuration, programming, and update applications over the Skythings platform.

Device description

