



EST8/B 8" Panel w/ Black Bars
 EST8/S 8" Panel w/ Silver Bars
 EST8/G 8" Panel w/ Gold Bars

EST8/B-POE 8" Panel w/ Black Bars-POE
 EST8/S-POE 8" Panel w/ Silver Bars-POE
 EST8/G-POE 8" Panel w/ Gold Bars-POE



Technical parameters		EST8
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 802.3af (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:	243 x 149 x 42 mm	
Standard:	EN 63044-1	

Accessories

BOX-F-EST8 Flush Mount Box for 8" Touch Panel
 BOX-W-EST8 On-Wall Mount Box for 8" Touch Panel
 PSU24-iR Power Supply 24VDC Railmount

- The EST8 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 8" 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 1000 BMS points.
- EST8 touch panel designed to control iNELS with Android OS via iNELS applications.
- Integrated speakers and microphone are primarily designed for intercom operation
- Integrated with essential sensors, the device includes an Ambient illuminance measurement sensor , humidity sensor and a temperature sensor, enabling efficient environmental monitoring.
- The EST8 comes with a standard LAN RJ45 10/100Mbps interface, ensuring easy network connectivity for data transfer and communication.
- The EST8 offers a variety of optional interfaces for enhanced connectivity and compatibility. These include iNELS, RS485, Modbus, VRF, and Zigbee 3.0
- The EST8 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

