

DATASHEET


# ADQUIO 10.1 Casambi Ready Screen

## HMI, SCADA and Casambi Ready

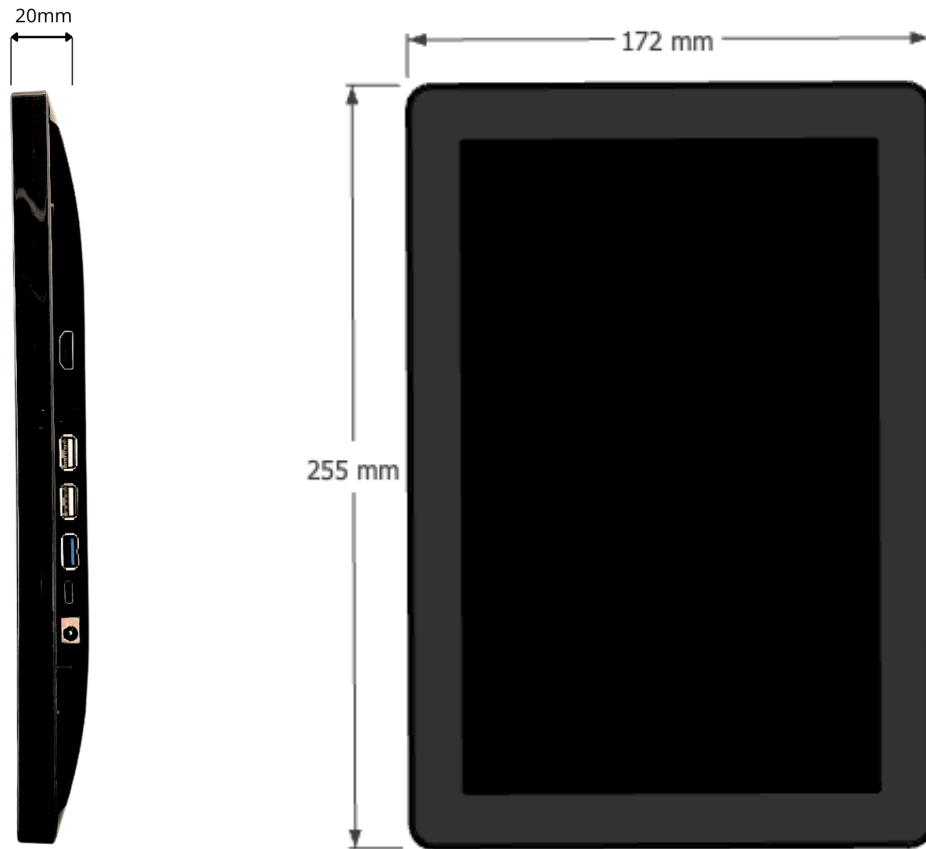


### 1 Ordering information

Reference	Description	Lifecycle *
ADQ-SCR10.1/1ETH/POE/3USB/WIFI/ BLE/CR	Adquio 10.1" screen. Designed to operate 24/7 and tested for 100% stability. Casambi application for commissioning and subsequent control, they can function as an HMI for any Adquio controller.	Active

 \* For the planning and start-up of new installations, use modules in Active status only.

## 2 Dimensions



## 3 Technical data

Parameter	Value
Process voltage	
Connections	Power connector ext - Int +
Nominal value	12 VDC
Power adapter	Including

	POE	Yeah
Consumption		
	From a 12V power supply	1500 mA

**!** CAUTION!  
Exceeding the maximum power supply voltage for the process or supply voltages could cause irreparable damage to the system. The system could be destroyed.

**!** CAUTION!!  
Inadequate connection cables cause overheating of the terminals.  
Adquio Screen 10.1 can be destroyed if the wrong cable type, cable size, or cable temperature rating is used.

### 3.1 Technical data of the display

Parameter	Value
Size	10.1"
Resolution	1280 x 800 pixels
Vision angle	Left 85° Right 85° Up 85° Down 85°
Technology	Led, IPS
Glow	250 cd/m2
Material	Glass
Touch technology	Capacitive 10 touchpoints

### 3.2 Technical data of the processor and memory

Parameter	Value
CPU	ARM RK3588, 8 cores, Cortex A76, 64 Bits
Frequency	2.5 GHz
Energy efficiency	Yes
Memory	4 Gb
Internal storage	64 Gb

### 3.3 Technical data of communications

Parameter	Value
Red	
Ethernet RJ45	1 Gb/s with POE
Wifi	B/G/N/AC. 2.4 y 5 Ghz
USB	
USB	2.0 (2 units) 3.0 (1 unit)
USB Type-C	OTG
Bluetooth	
Version	5.0

### 3.4 Installation technique

Parameter	Value
Medium	VESA 75×75 compatible

### 3.5 Technical data of the OS

Parameter	Value
Type	Android
Version	12.0
Play Store	Yes

### 3.6 Compatibility tested

Parameter	Value
Casambi App	Yes
HMI acquisition	Yes



**CAUTION!**  
For best performance, we recommend Ethernet network connection.



**CAUTION!**  
It is not recommended to use the function Gateway in the Casambi App, since the Android version of this function is not 100% stable.

## 4 System data

### 4.1 Environmental conditions

Parameter		Value
Temperature		
	Functioning	0 °C...+40 °C (horizontal mounting)
	Storage	-40 °C ... + 70 °C
	Transport	-40 °C ... + 70 °C
Humidity		Max. 95% condensation free
Air pressure		
	Functioning	> 800 hPa / < 2000 m
	Storage	> 600 hPa / < 3500 m
Isolation		IP20

### 4.2 Mechanical data

Parameter		Value
Mounting		Horizontal
Protection level		IP20
Housing material		ABS UL-94-HB Black
<b>Alternatives</b>		
assembly Screw mounting		Screws with a diameter of 4 mm
squeeze in		1,2 Nm

### 4.3 Certifications

Parameter
CE (Available if you need the documents)

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