

DATASHEET

## Adquio Wall Screen 4"


Control Screen Casambi Ready

Casambi and HMI for Adquio, customizable



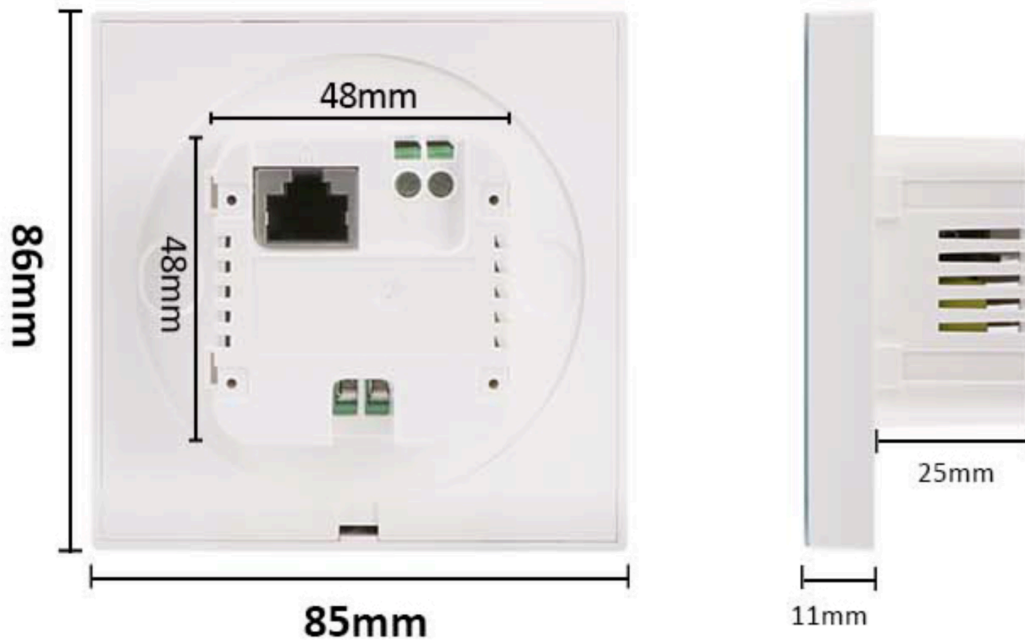
### 1 Ordering information

Reference	Description	Lifecycle *
ADQ-WSCR4/1ETH/1USB/WIFI/BLE/CR	Adquio 4" wall screen. It is installed in a European standard hole for a mechanism. Designed for continuous operation with 100% stability. Casambi APP pre-installed, can work as HMI for any Adquio controller.	Asset

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

\* Model available is Black, White only available for minimum orders of 100 units.

## 2 Dimensions



## 3 Technical data

Parameter		Value
Process voltage		
	Connections	AC power terminal blocks
	Nominal value	110-240 V AC 50 Hz
	Power adapter	Not necessary
	POE	Yes, IEEE 802.3 at/af
Consumption		
	From alternating current	Maximum 300 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 Wall Screen 4" 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	4"
Resolution	480 x 480 pixels
Vision angle	Left 85° Right 85° Up 85° Down 85°
Technology	Led, IPS
Glow	250 cd/m2
Material	Glass
Touch technology	Capacitive

### 3.2 Technical data of the processor and memory

Parameter	Value
CPU	RK3566 4-core Cortex-A55
Frequency	2 GHz
Energy efficiency	Yes
Memory	2 Gb
Internal storage	22 GB Free

### 3.3 Technical data of communications

Parameter	Value
Red	
Ethernet RJ45	100 Mb/s con POE IEEE 802.3 at/af
Wi-Fi	B/G/N 2.4 GHz
USB	
USB-C	OTG
Bluetooth	
Version	4.2
RS-485	
Modbus RTU	For future uses

### 3.4 Installation technique

Parameter	Value
In a standard 60 mm box between horizontal screws	In the space of a European standard switch

### 3.5 Technical data of the OS

Parameter	Value
Type	Android
Version	11.0
Play Store	Yes

### 3.6 Compatibility tested

Parameter	Value
Casambi App	Yes
HMI acquisition	Yes

## 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>Mounting alternatives</b>	
Mounting with two screws	Included

## 4.3 Certifications

Parameter
CE, FCC (Available if you need the documents)