

DATASHEET

Adquio Wall Screen 4"


Control Screen Casambi Ready

Casambi and HMI for Adquio, customizable



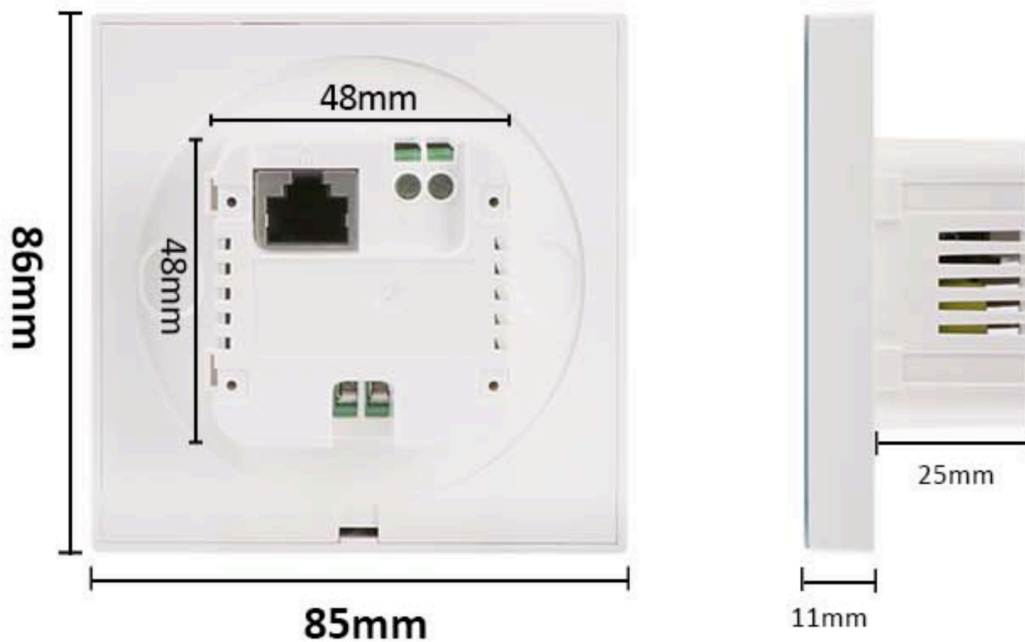
1 Ordering information

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
Mounting alternatives	
Mounting with two screws	Included

4.3 Certifications

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

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