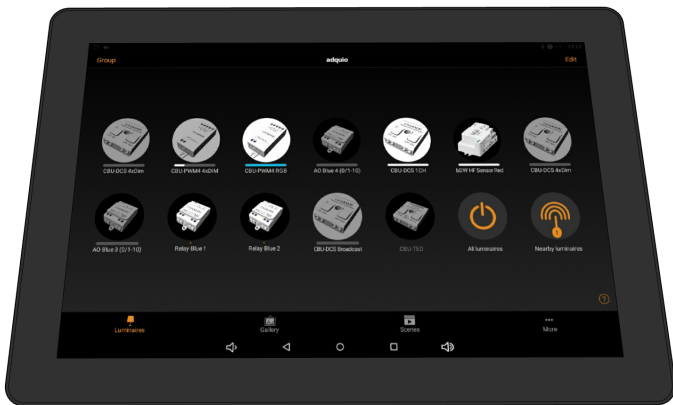



DATA SHEET

ADQUIO Screen 10.1 Casambi Ready HMI, Scada and Casambi Gateway

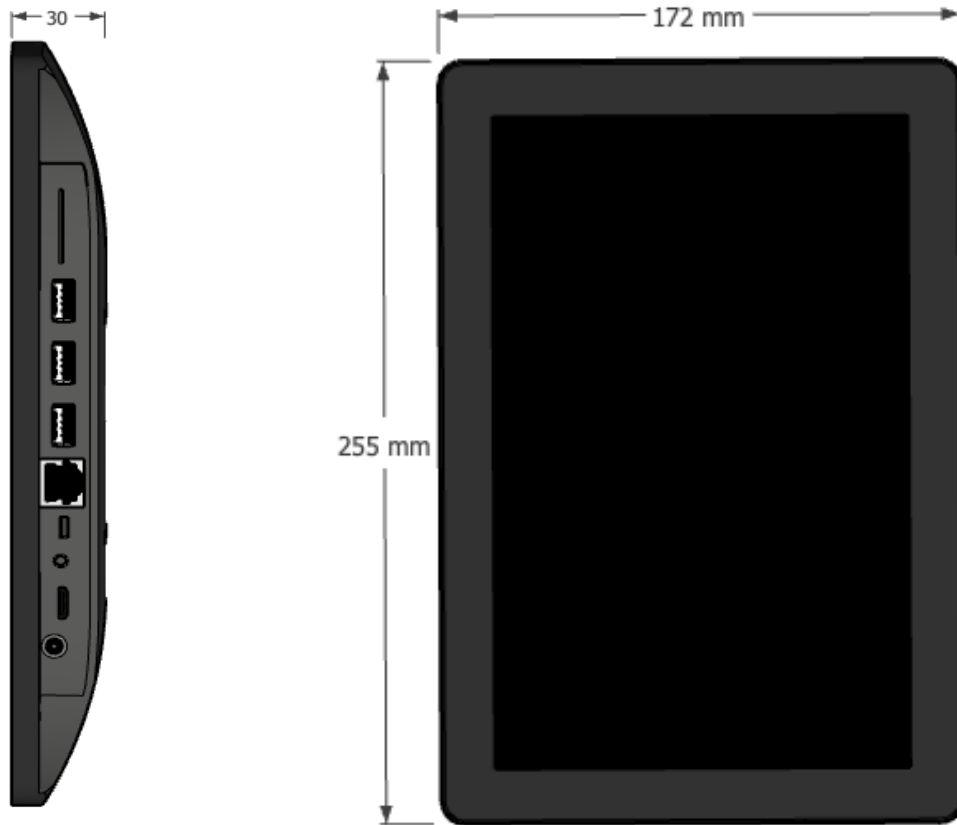


1 Ordering information

Reference	Description	Life cycle *
ADQ-SCR10.1/1ETH/POE/1USB/WIFI/ BLE/CR	Adquio Screen 10.1". Designed to work 24/7 and tested for 100% stability. Casambi Gateway and casambi App for commissioning time, can work as HMI for any Adquio controller.	Active

 * For planning and commissioning of new installations use modules in Active state only

2 Dimensions



3 Technical data

Parameter	Value
Process voltage	
Connections	Power connector ext - Int +
Nominal value	12 VDC
Power Adapter	Included
POE	Yes

Consumption	
From a 12V power supply	1500 mA

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

! CAUTION!!
Improper connection cables cause overheating at 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
View Angle	Left 85° Right 85° Up 85° Down 85°
Technology	Led, IPS
Brightness	250 cd/m2
Material	Glass
Touch technology	Capacitive 10 points touch

3.2 Technical data of the processor and memory

Parameter	Value
CPU	RK3288 4-core Cortex-A17
Frequency	2 Ghz

Energy Efficient	Yes
Memory	2 Gb
Internal Storage	16 Gb

3.3 Technical data of the communications

Parameter		Value
Network		
	Ethernet RJ45	1 Gb/s with POE
	Wifi	B/G/N/AC 2,4 and 5Ghz
USB		
	USB	2.0 (2 units)
	Micro USB	OTG
Bluetooth		
	Version	5.0
Serial		
	With USB format connector	

3.4 Technical of installation

Parameter	Value
Bracket	Vesa 75x75 compatible

3.5 Technical data of OS

Parameter	Value
Os type	Android
Version	10.0
Play Store	Yes

3.6 Tested compatibility

Parameter	Value
Casambi App	Yes
Casambi Gateway	Yes
Adquio HMI	Yes

! CAUTION!
For best performance we recommend Ethernet network connection, specially when it works as Casambi Gateway.

! CAUTION!
If you are going to use Adquio Screen as a Casambi Gateway, the application must always be in the foreground to ensure its complete stability. You should not use screen savers.

4 System data

4.1 Environmental conditions

Parameter	Value
Temperature	
Operation	0 ° C ... +40 ° C (horizontal mounting)
Storage	-40 ° C ... + 70 ° C
Transport	-40 ° C ... + 70 ° C
Humidity	Max. 95% non-condensing
Air pressure	

Operation	> 800 hPa / <2000 m
Storage	> 600 hPa / <3500 m
Insulation	IP20

4.2 Mechanical data

Parameter	Value
Mounting	Horizontal
Protection level	IP20
Housing material	ABS UL-94-HB Black
Mounting alternatives	
Mounting with screws	Screws with a diameter of 4 mm
Tightening torque	1.2 Nm

4.3 Certifications

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



Neuronal Innovation Control SL
Rúa Ánade Real 11
15172 Oleiros, La Coruña
Spain
Telephone: +34 881246255
E-mail: support@adquio.com
<https://adquio.com>

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