

DATA SHEET

ADQUIO Industrial Screen 12.1 Casambi Gateway

HMI, Scada and Casambi Gateway



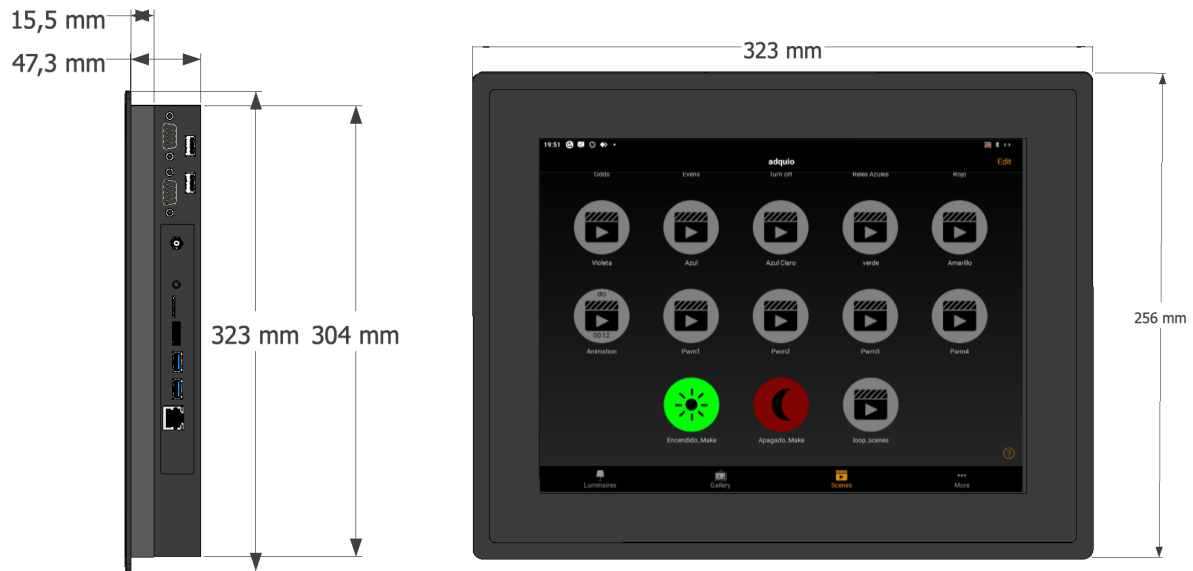
1 Information for orders

Reference	Description	Life cycle *
ADQ-IND-SCR12.1/1ETH/4USB/WIFI/BLE/CR	Adquio Industrial Screen 12.1". IP65 front. Designed for 24/7 operation and tested for 100% stability. Casambi Gateway and Casambi application for commissioning can function as HMI for any Adquio controller.	Active



* For the planning and commissioning 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	Included
Consumption		
	From your power supply	5 A


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!!

Improper 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 Display technical data

Parameter	Value
Size	12.1"
Resolution	1280 x 1024 pixels
Viewing angle	Left 80° Right 80° Up 70° Down 70°
technology	Led
Brightness	350 cd/m2
Material	Glass
touch technology	Capacitive
Additional HDMI output	Yes

3.2 Processor and memory technical data

Parameter	Value
CPU	RK3588 4-core Cortex-A55
Frequency	2 Ghz
Energy efficiency	Yes
Memory	2 Gb

Internal storage	16 Gb
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3.3 Communications technical data

Parameter		Value
Network		
	Ethernet RJ45	1 Gb/s
	Wifi	B/G/N 2.4 Ghz
	Antenna WIFI/Bluetooth	High gain and removable for placement in position with greater coverage. (High quality extension cable included).
USB		
	USB	2.0 (2 units) 3.0 (2 units)
Bluetooth		
	Version	5.0
Serial		
	Connectors 9 pins	2 units

3.4 Installation technique

Parameter		Value
Support		Vesa 100x100 compatible, and panel recessed with brackets included

3.5 OS technical data

Parameter		Value
Type		Android
Version		11.0
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, especially when working as Casambi Gateway.

4 System data

4.1 Ambient 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 VESA or panel recessed
Protection level	rear IP20 Front panel IP65
Housing material	Steel and aluminum Black
alternatives	
Mounting with screws	Screws with a diameter of 4 mm
torque	1.2 Nm

4.3 Certifications

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

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