


DATASHEET

ADQUIO Screen 8" Casambi Ready
HMI and SCADA



1 Ordering information

Reference	Description	Lifecycle *
ADQ-SCR8/1ETH/3USB/WIFI/BLE/CR	Adquio 8" screen. Designed to operate 24/7 and tested for 100% stability. Casambi APP pre-installed, can work as 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	Included
	POE	Yes, IEEE 802.3 at/af
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 8" 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	8"
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

3.2 Technical data of the processor and memory

Parameter	Value
CPU	RK3288 4-core Cortex-A17
Frequency	2 GHz
Energy efficiency	Yes
Memory	2 Gb
Internal storage	16 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 and 3.0
Micro USB	OTG
Bluetooth	
Version	4.2
Supported protocols	
Casambi Bluetooth	
With Adquio HMI, Modbus TCP	

3.4 Installation technique


Parameter	Value
Bracket	VESA 75×75 compatible

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



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

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
Alternatives	
assembly Screw mounting	Screws with a diameter of 4 mm
squeeze in	1,2 Nm

4.3 Certifications

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

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