

DATASHEET

Adquio Wall Screen 10.1”

Casambi Ready control screen

Casambi and HMI for Adquio, customizable



1 Ordering Information

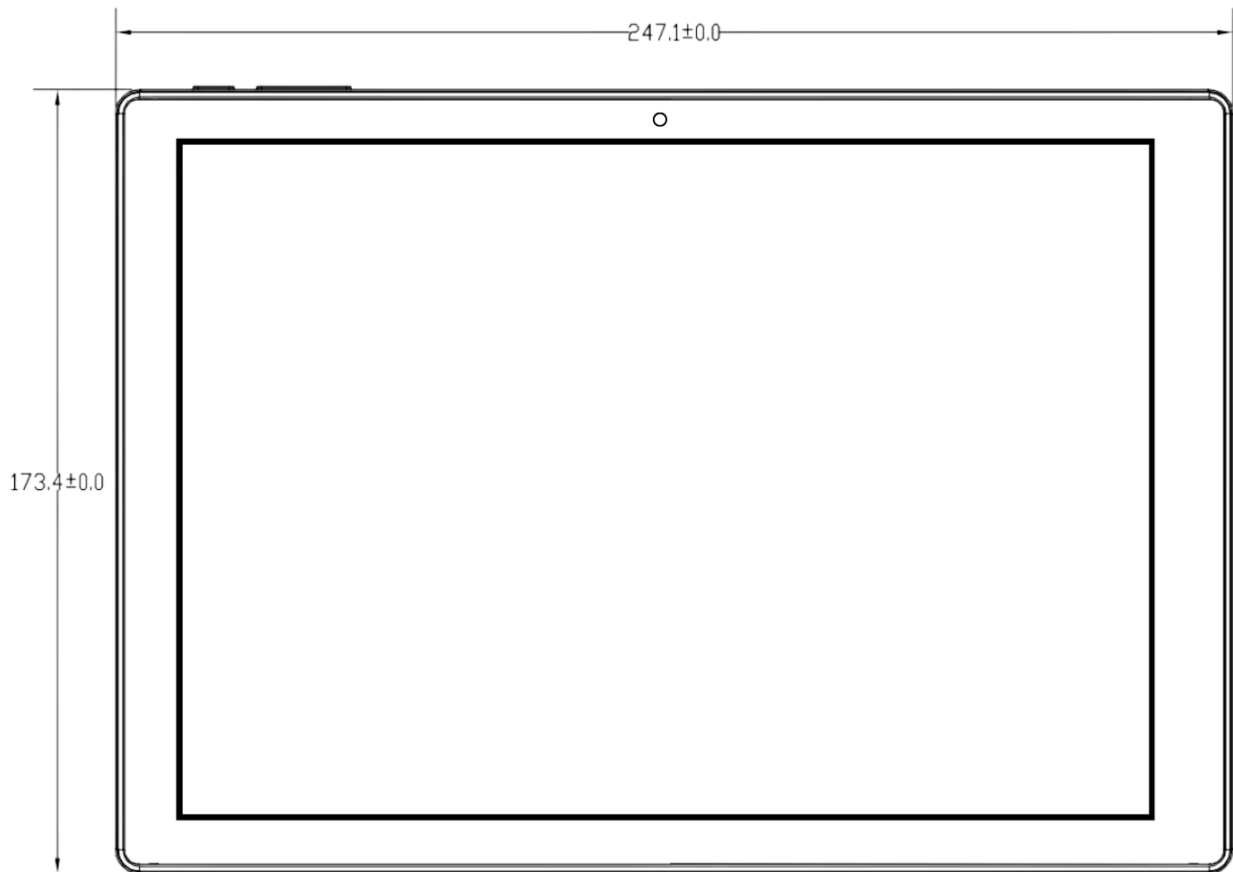
| Reference | Description | Life cycle * |
|-----------------------------------|---|--------------|
| ADQ-WSCR10/1ETH/1USBC/WIFI/BLE/CR | Adquio 10.1” display. Installs in a standard European or American recess for a mechanism. Designed for continuous operation with 100% stability. Casambi APP pre-installed; can function as an HMI for any Adquio controller. | Asset |

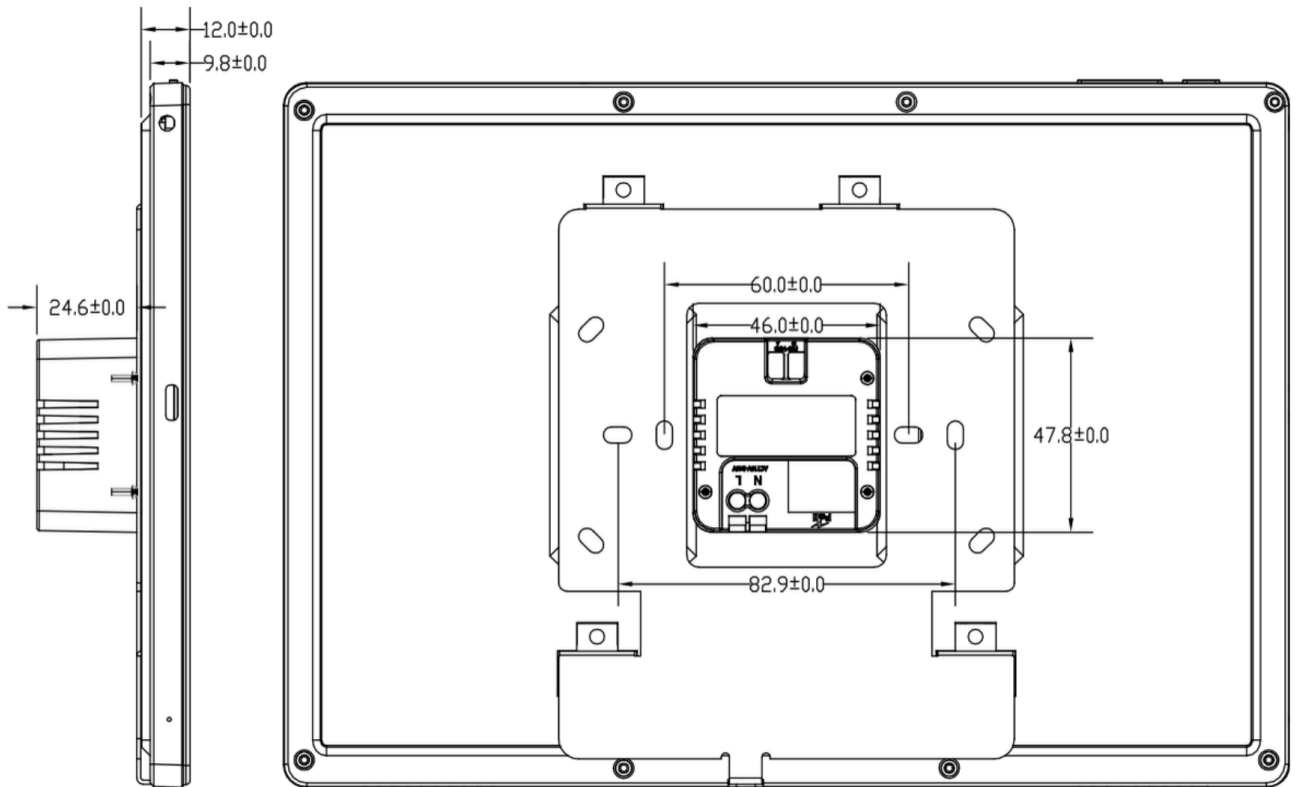


* For planning and commissioning new installations, use modules in the active state only.

Available in black and white, only available for minimum orders of 100 units.

2 Dimensions





3 Technical data

| Parameter | Value |
|---------------------|---------------------------|
| Process voltage | |
| Connections | AC power supply terminals |
| Nominal value | 110-240 V AC |
| Power adapter | Not necessary |
| PoE | Yes, IEEE 802.3 at/af |
| Consumption | |
| Alternating current | Maximum 1 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!
Inadequate connection cables cause overheating at the terminals. The Adquio Wall 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 |
| Viewing angle | Left 85° Right 85° Up 85° Down 85° |
| Technology | Led, IPS |
| Glow | 250 cd/m2 |
| Material | Glass |
| Touch technology | Capacitive |

3.2 Processor and memory technical data

| Parameter | Value |
|-------------------|----------------------------------|
| CPU | RK3568 4-core Cortex-A55 64 Bits |
| Frequency | 1992 Ghz |
| Energy efficiency | Yes |
| Memory | 4 Gb |
| Internal storage | 22 GB Free |

3.3 Technical data of the communications

| Parameter | Value |
|---------------|-----------------------------------|
| Red | |
| Ethernet RJ45 | 100 Mb/s con POE IEEE 802.3 at/af |
| Wifi | B/G/N 2.4 y 5 Ghz |
| USB | |
| USB-C | OTG |
| Bluetooth | |
| Version | 5.2 |
| RS-485 | |
| Modbus RTU | For future use |

3.4 Installation Technique

| Parameter | Value |
|---|---|
| In a standard 60 or 81.5 mm box between horizontal screws | Within a standard European or American switch |

3.5 OS Technical Data

| Parameter | Value |
|------------|---------|
| Type | Android |
| Version | 13.0 |
| Play Store | Yeah |

3.6 Tested compatibility

| Parameter | Value |
|----------------|-------|
| Casambi App | Yes |
| Adquio HMI | And |
| Alexa App | And |
| Home Assistant | Yes |

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 |
| Isolation | IP20 |

4.2 Mechanical Data

| Parameter | Value |
|------------------------------|---|
| Mounting | Horizontal or vertical |
| Level of protection | IP20 |
| Housing material | ABS UL-94-HB Negro |
| Mounting alternatives | |
| Three-screw mounting | The ones already present in the wall-mounting box are used, plus one more is included for screwing the screen in. |

4.3 Certifications

| Parameter |
|--|
| CE, RoHS (Available if you need the documents) |

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