adquio | CONTROL DISPLAYS

Adquio Wall Screen 10"

Surface control interface for Casambi and Adquio HMI installations

Reference: ADQ-10MBBN-1ETH
Category: CONTROL SCREENS

DESCRIPTION

The Adquio Wall Screen 10.1" is the largest recessed display in the series, featuring a diagonal measurement of 10.1", which accommodates the dimensions of a standard European or American light switch. Engineered for continuous operation with complete stability, it is equipped with the Casambi app, Adquio's HMI software, pre-installed.

Powered by Power over Ethernet (PoE) or mains electricity (110–240V AC), it eliminates the need for additional wiring. Featuring Android 13, Bluetooth 5.2, and dual-band Wi-Fi connectivity (2.4 and 5 GHz), it stands as the most comprehensive and connected recessed display in the lineup. Available in black; white can be ordered with a minimum purchase of 100 units.

BENEFITS

The market's largest integrated unit.

10.1" diagonal within the confines of a single switch. Standard 60 or 81.5 mm box. Compatible with both European and American installations. Can be oriented horizontally or vertically.

Casambi and Custom Human-Machine Interface

The Casambi app is pre-installed for commissioning and lighting control. Adquio HMI is utilized for custom interfaces, catering to advanced residential and hospitality environments.

Integrated PoE; no adapters necessary.

It is powered by Power over Ethernet (PoE) via the network cable or directly from 110–240V AC. No transformers or additional wiring are necessary. Installation is efficient and swift, without the need to alter existing equipment.

Enhanced connectivity and performance

Android 13, Bluetooth 5.2, dual-band Wi-Fi (2.4 and 5 GHz), and an RS-485 port for Modbus RTU (designated for future use). The most advanced and robust platform in the embedded series.

WIDELY USED APPLICATIONS

Lighting management

Easily activate, deactivate, and arrange lighting for rooms, hallways, common areas, and Casambi scenes from one easy interface.

Climate management

Easily adjust temperature, operating modes, and climate settings to improve comfort and reduce consumption.

View your consumptions

It presents energy data, trends, and building statuses to enhance the understanding of the facility's performance.

Access control and entryways

It can be utilized to control doors, barriers, gates, or authorized access points and can be integrated with other building systems.

Scenes and Automations

Activate scenes, schedules, and combined actions, such as lighting and climate control to simplify daily space management.

Alarms and system conditions

Provides real-time alerts and critical status updates for faster, more efficient responses.

Is this product included in your project?
Please contact us, and we will prepare a comprehensive technical proposal for you.

WHEN SHOULD I CONSIDER ADQUIO WALL SCREEN 10" ?

Select the Adquio Wall Screen 10" for projects requiring a large, convenient, and visually engaging wall screen to manage the installation from a centralized location.

Select the Adquio Wall Screen 10" for your project when it encompasses any of the following scenarios:

→ **Centralized governance**
Optimal for managing climate control, lighting, access, alarms, or other systems from a single interface.

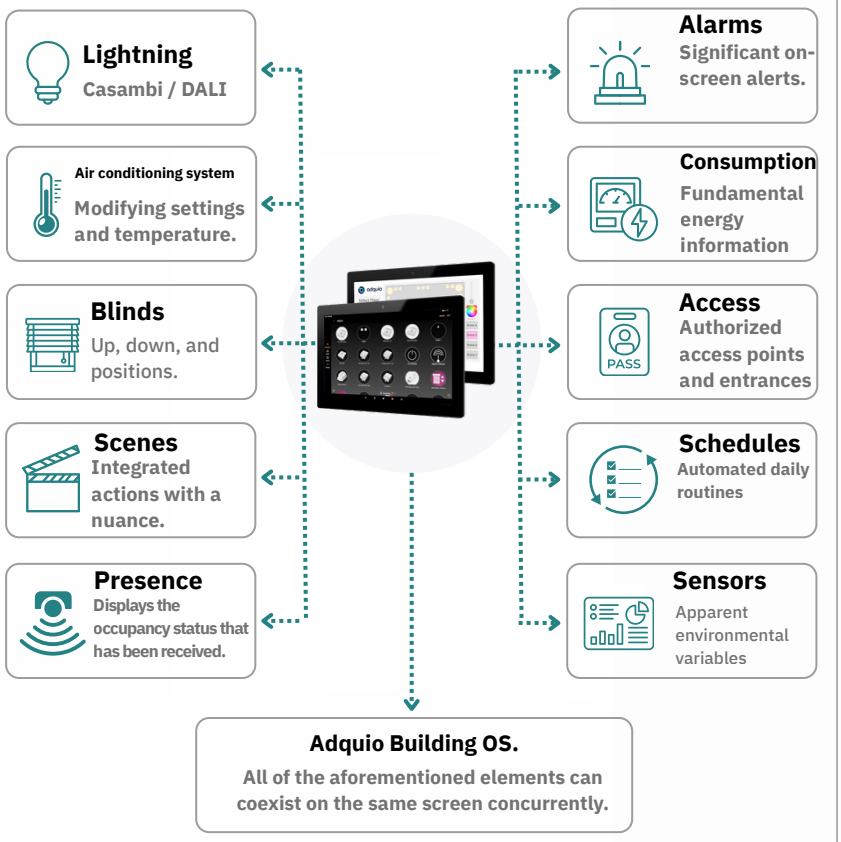
→ **Expanded display**
Recommended for projects where it is essential to visualize additional information, menus, statuses, or graphics with enhanced clarity.

→ **Application in professional environments**
Ideal for offices, hotels, reception areas, technical rooms, corporate buildings, or communal spaces that necessitate oversight.

→ **Regular engagement:**
Intended for environments where users frequently monitor data or implement modifications throughout the day.

→ **Management of intricate systems:**
Ideal for projects that encompass multiple interconnected functions, requiring more convenient and intuitive navigation.

→ **Enhanced visibility and a premium finish:**
An excellent choice when the screen is integrated into the spatial design, particularly if you seek an elegant, modern, and professional solution.



TECHNICAL SPECIFICATIONS

Reference	ADQ-WSCR10/1ETH/1USB/WIFI/BLE/CR
Feeding	110–240 V AC (terminals)
Max. Consumption	1 A
PoE	Yes, IEEE 802.3at/af
Ethernet	1 RJ45 port 100 Mb/s
Wireless Type	B/G/N · 2.4 and 5 GHz · 4.2
USB	Type C OTG
RS-485	Modbus RTU (future uses)
Protocols	Modbus TCP Client • Casambi
Screen Size	10.1" · LED IPS · Glass · 247,1 × 173,4 × 24,6 mm
Resolution	1280 × 800 pixels
Luminance/Angle	250 cd/m² · 85° in every direction
Toucht/Orientation	Capacitive · Vertical or Horizontal
Processor/Speed	RK3568 Quad-core Cortex-A55 · 2 GHz
Memory/Disk	4 GB RAM · 22 GB available
Operating System	Android 13 · Google Play Store
Installation	European/American standard drawer
Housing	ABS UL-94-HB Black (white: minimum order 100 units)
Certifications	CE and RoHS
Operating Temp range	0°C to +40°C

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