

Adquio Wall Screen 4"

Casambi control in the
space of a light switch



Reference: ADQ-WSCR4/1ETH/1USB/WIFI/BLE/CR

Category: ADQUIO · CONTROL SCREENS

DESCRIPTION

Adquio Wall Screen 4" is a touch control screen that fits a standard European light switch box, with no building work or extra cabinet required. Designed for stable 24/7 operation, it includes the preinstalled Casambi app and Adquio HMI software for wall-mounted local control.

Powered directly from the mains (110–240V AC) or by PoE over the network cable, for simple installation. Available in black; white is available with a minimum order of 100 units.

BENEFITS



Flush fit in a standard wall box

Fits a conventional European light switch box without extra building work. The result is a flush wall-mounted touchscreen with a clean, professional finish.



Casambi and custom HMI

Preinstalled Casambi app for lighting network commissioning and control, plus Adquio HMI software for custom control interfaces. All on the same screen.



Easy PoE installation

Powered by PoE over the network cable or directly from 110-240V AC mains. No power adapters or extra wiring.



Continuous operation

Designed for 24/7 operation with proven 100% stability. No battery: always on and available to the user.

TYPICAL APPLICATIONS



Lighting control

Switch and organise lighting in rooms, corridors and shared areas, or activate scenes, from a simple interface.



HVAC management

Adjust temperatures, operating modes and HVAC setpoints to improve comfort and avoid unnecessary consumption.



Energy use display

Display energy data, trends and building status to better understand how the installation behaves.



Access control and doors

Operate doors, barriers, gates or authorised access points and integrate with other building systems.



Scenes and automation

Activate predefined scenes, schedules and combined lighting, HVAC and other actions to simplify daily operation.



Alarms and system status

Show alerts, incidents and critical conditions in real time so users can respond quickly and make informed decisions.



Is this product part of your project?

Contact us and we will prepare a complete technical proposal.



WHEN TO CHOOSE ADQUIO WALL SCREEN 4"?

Adquio Wall Screen 4" is ideal for a compact, elegant and easy-to-use control point to manage essential smart-space functions without taking up much wall space.

Choose Adquio Wall Screen 4" when your project includes any of these scenarios:

→ **When you need simple local control**

Adquio Wall Screen 4" is ideal for a compact, elegant and easy-to-use control point to manage essential smart-space functions without taking up much wall space.

→ **When space is limited**

Its compact format is ideal for rooms, offices, small meeting rooms, secondary receptions, service corridors or areas where a larger screen is unnecessary.

→ **When you want to replace multiple switches**

Bring different functions together at a single control point, reducing physical switches and simplifying everyday operation.

→ **When you want a more modern interface**

A more intuitive, professional visual experience than traditional controls, enhancing the building's technological image.

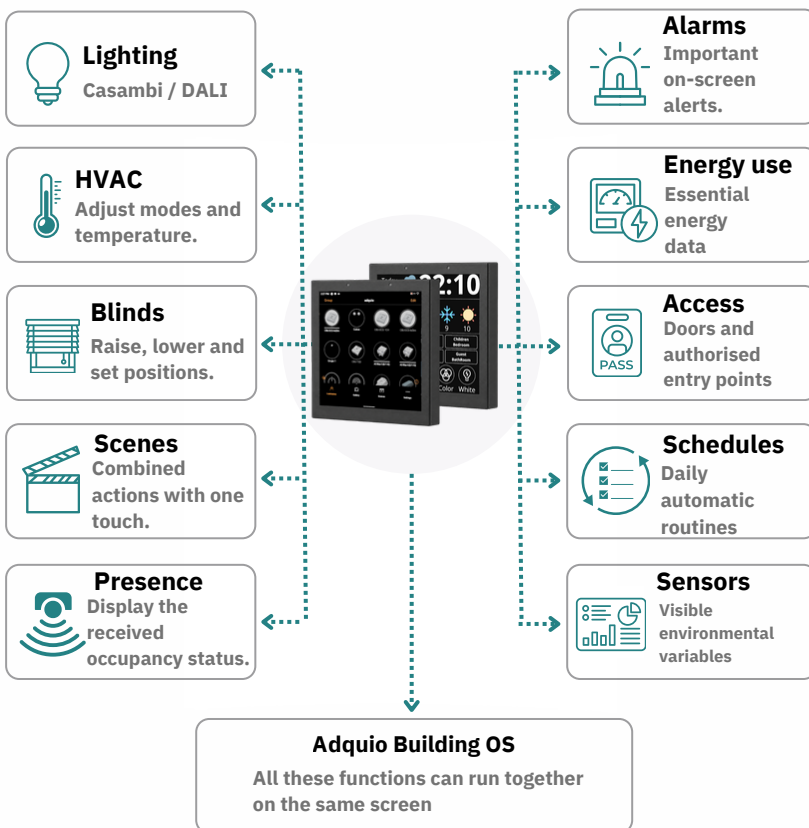
→ **When you need zone-based control**

Particularly useful for specific building areas: meeting rooms, shared spaces, bedrooms, access points, lighting or local HVAC.

→ **When you want to integrate a space into Adquio Building OS**

Make each zone part of the Adquio ecosystem, connecting local control, automation, monitoring and data in a single platform.

TYPICAL ARCHITECTURE



TECHNICAL SPECIFICATIONS

Reference	ADQ-WSCR4/1ETH/1USB/WIFI/BLE/CR
Power supply	110-240V · Terminals included
Max. current draw	300 mA
PoE	Yes · IEEE 802.3 at/af
Ethernet	1 port, 100 Mb/s
WiFi	2.4 GHz BGN
Bluetooth	4.2
USB	Type C OTG
RS-485	Modbus RTU · for future use
Protocols	Modbus TCP client · Casambi
Screen	4" · LED IPS · Tempered glass
Resolution	480 × 480 pixels
Brightness / Angle	250 cd/m ² · 85° in all directions
Touch	Capacitive
CPU / Speed	RK3566 4-core Cortex-A55 · 2 GHz
Memory/Storage	2 GB RAM · 22 GB free
Operating system	Android 11 · Google Play Store
Installation	Standard box, 60 mm screw spacing · European light switch box
Certifications	CE & RoHS
Operating temperature	0°C to +40°C



Built-in security



Easy setup



Unlimited integration



Technical support and guidance

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