

Intrusion / Ajax Wireless / Central

# AJ-HUB-4G-W

Ajax



## Features

---

Wireless alarm control panel for professional installations both residential and office environments. Communication is via Ethernet and/or Dual SIM 4G. The bidirectional radio link between detectors and accessories uses its own in-house protocol called Jeweller, which works in the 868MHz frequency, and has obtained Grade 2 certification.

The wireless link achieves great reliability thanks to its advanced Jeweller protocol with high security AES encryption. The unique instant and intelligent monitoring system detects inhibition of the signal identifying a specific downtime and in turn reduces maintenance costs as it significantly extends the life of the batteries of the detectors without compromising security. The wireless signal is able to cover distances up to 2 km in open space. It also includes features to facilitate installation, such as the SmartBracket or the simple linking of the detectors to the alarm system.

It allows up to 100 wireless zones with the possibility of grouping these devices up to 9 different groups, where the different actions can be carried out; armed, partially armed, disarmed. These Ajax wireless devices have different possible configurations such as 24 hours zone, zone with time delay of entry or exit...

The panel AJ-HUB-4G-W has an AC power input 110-250 V and also a rechargeable backup battery with duration of up to 16 hours.

The triple Ethernet and dual SIM 4G communication is its main advantage for remote access, both for the user and the installer, as it allows connection through the AJAX PRO Desktop PC software and the mobile applications for iOS and Android Ajax Security Systems (end user) and AJAX PRO: Tool for Engineers (professionals). Through these applications it is possible to configure the whole system, manage users and their permissions, add devices, group them in different areas and modify their settings. The use of the cloud is compatible with dynamic IP without opening ports.

The Ajax users will enjoy multiple advantages, as they can receive reliable and instant notifications in both desktop software and mobile applications.

As an additional complement to the Ajax alarm system, from the mobile application you can add up to 25 IP cameras or video recorder channels to be able to verify the video stream live.

## Specifications

---

<b>Brand</b>	AJAX
<b>RF frequency</b>	868 MHz. Protocol via Jeweller wireless technology
<b>Security grade</b>	Grade 2
<b>Internal security</b>	Tamper-resistant opening
<b>Internal siren</b>	Does not have
<b>Communication</b>	Ethernet / Dual SIM 4G (LTE)
<b>Maximum devices</b>	100 (max. 10 between sirens and wireless KeyPad TouchScreen)
<b>Video integration</b>	Up to 25 IP cameras or video recorder channels
<b>Number of users</b>	Up to 50
<b>Connection with CRA</b>	Contact ID / SIA
<b>Compatibility</b>	Not compatible with ocBridge and uartBridge
<b>Firmware Upgrade</b>	Available. Remote OTA (Over-the-air) updates
<b>Housing material</b>	ABS plastic
<b>Power</b>	AC 110~250 V, 50/60 Hz
<b>Backup battery</b>	Duration up to 16 hours
<b>Temp. operation</b>	+5° C ~ 40° C
<b>Dimensions</b>	163 (H) x 163 (W) x 36 (D) mm
<b>Colour</b>	White