



ExternalAntenna

Antenna for LTE or radio communication



With ExternalAntenna, Ajax hubs can be installed in places with strong interference (safe boxes, rooms built with reinforced concrete, metal hermetic boxes, etc.) by moving the signal transmitter/receiver beyond the obstacle. The antenna provides more options when choosing the place for installation. One ExternalAntenna can be connected to one of 3 communication outputs: cellular, Jeweller, or Wings.



2G/3G/4G (LTE)
communication channel



Jeweller radio
communication channel



Wings radio
communication channel

Compatibility

ExternalAntenna is supported by hubs with an external antenna port:

- Hub BP Jeweller

Reduced interference and improved signal strength

ExternalAntenna minimizes signal interference and disruptions, providing more consistent and uninterrupted communication between the hub and connected devices.

Protected from sabotage

If ExternalAntenna is cut off, the system will notify the security company and users of breakage. At the same time, the hub automatically switches to built-in antennas – the signal of the communication channels won't disappear completely.

Easy to connect and install

ExternalAntenna is connected to the outputs of communication channels located on the hub's board. The cable is brought outside the hub casing through the perforated parts for wiring output.



Standard SMA connector



Up to 3 m
of wired connection



Installed using a double-
sided adhesive tape

Superior, Fibra, and Baseline product lines are mutually compatible. This opens up numerous possibilities for building systems of any configuration.

Compatibility	Communication channels	Enclosure	Installation	Complete set
<p>Hubs Hub BP Jeweller</p>	<p>Jeweller and Wings radio communication technologies</p> <p>Communication range up to 2,000 m In an open space</p> <p>Frequency bands 698–960 MHz 1,710–2,690 MHz Depends on the sales region</p> <p>Cellular network 2G/3G/4G (LTE)</p>	<p>Color black</p> <p>Dimensions 115 × 21 × 7 mm</p> <p>Weight 46 g</p>	<p>Operating temperature range from -40 °C to +85 °C</p> <p>Operating humidity up to 95%</p>	<p>ExternalAntenna Quick start guide</p>



For detailed information, scan the QR code or follow the link:

ajax.systems/support/devices/external-antenna

- ✉ support@ajax.systems
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