


Professional security at the front door




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PIR sensor for motion detection

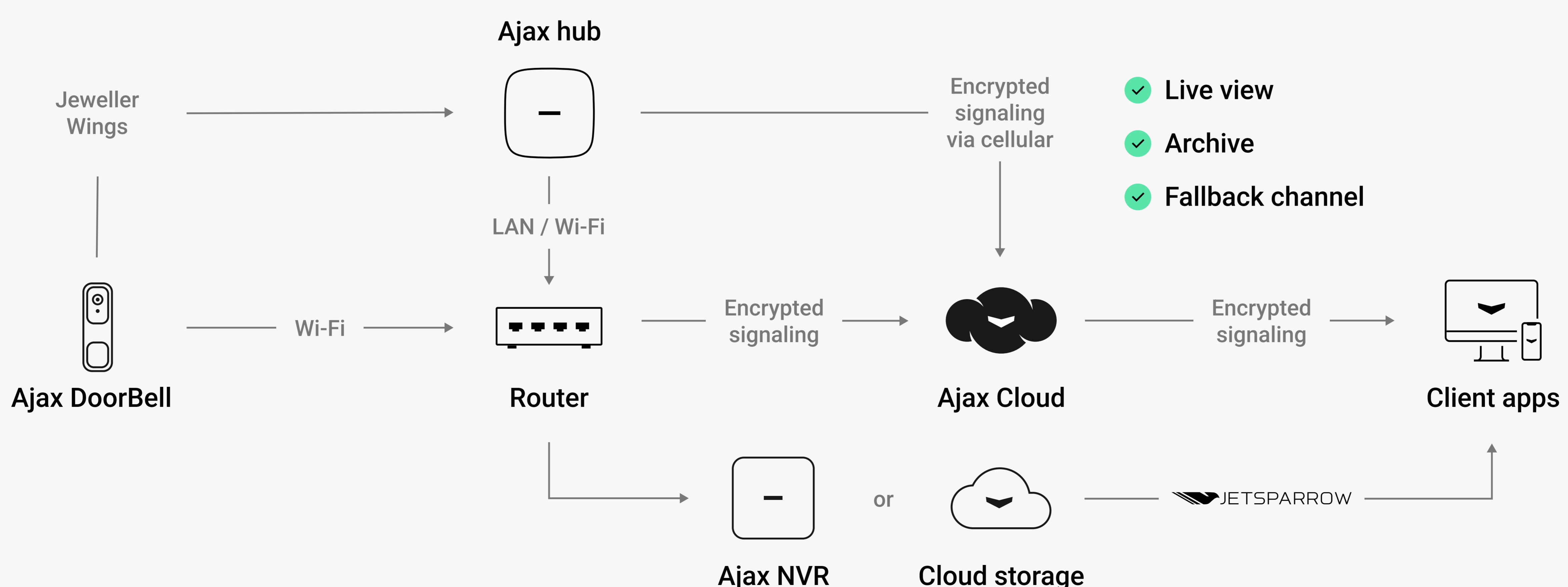
Three operation options

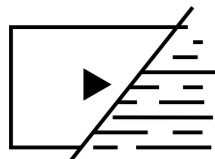


AI-powered object
recognition and smart video
recording with short clips
stored in the cloud archive¹

Reliable connection at all times

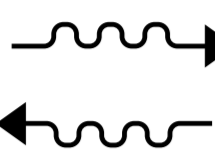
Connecting DoorBell to an Ajax hub enables a **fallback communication channel**. This feature allows the device to continue transmitting events, alarms, and photos through the secure proprietary Jeweller and Wings radio protocols, even if the Wi-Fi connection is lost.





Advanced video experience

- AI-powered recognition of people, animals, and vehicles
- Smooth streaming and archive navigation thanks to the JetSparrow technology
- Wide-angle HDR camera for high-quality images
- IR illumination of up to 6 m (20 ft) for enhanced visibility in the dark



Quality two-way audio communication

- Clear voice transmission with noise suppression
- Echo cancellation for better audibility
- Top-notch audio quality thanks to the G.722 codec



Uncompromised security

- Fallback wireless communication with a hub at a distance² of up to 1,700 m (5,550 ft)
- Built-in backup battery
- Tamper alarm to notify of device dismantling
- Secure passwordless authentication



Easy installation and setup

- Pairing with a hub by scanning the QR code
- Remote control and configuration via Ajax apps
- SmartBracket mounting panel for installation without disassembling the device enclosure
- BellKit bypass to connect DoorBell to a wired chime

<p>Compatibility</p> <p>Hubs Hub 2 (2G) Jeweller Hub 2 (4G) Jeweller Hub 2 Plus Jeweller Hub Hybrid (2G) Hub Hybrid (4G) Hub BP Jeweller</p> <p>Range extenders ReX 2</p> <p>Video recorders NVR (8-ch) NVR (16-ch)</p> <p>Video recording</p> <p>Camera 4 MP CMOS sensor</p> <p>Resolution up to 2688 × 1520 px</p> <p>Camera viewing angles horizontal: 155° vertical: 90°</p> <p>Video protocol JetSparrow</p> <p>Video codec H.264</p> <p>Dynamic range HDR</p>	<p>Communication</p> <p>Jeweller and Wings radio communication technologies</p> <p>Communication range up to 1,700 m up to 5,550 ft In an open space</p> <p>Frequency bands 866.0–866.5 MHz 868.0–868.6 MHz 868.7–869.2 MHz 905.0–926.5 MHz 915.85–926.5 MHz 921.0–922.0 MHz Depends on the sales region</p> <p>Wi-Fi 2.4GHz, up to 2 Mbit/s</p>	<p>Sound</p> <p>Output speaker power 1.5 W</p> <p>Speaker volume 85 dB</p> <p>Features</p> <p>Two-way communication</p> <p>Motion detection up to 4 m up to 13 ft Using a PIR sensor</p> <p>Audio processing Always active noise suppression and echo cancellation</p>	<p>Power supply</p> <p>Main DC voltage range 12–24 V==</p> <p>Main AC voltage range 16–24 V~, 50/60 Hz</p> <p>Battery built-in rechargeable battery: Li-ion 600 mAh</p>
	<p>Enclosure</p> <p>Color black, white, grey, graphite</p> <p>Dimensions 145 × 47 × 34 mm 5.71" × 1.85" × 1.34"</p> <p>Weight 163 g 5.75 oz</p>	<p>Installation</p> <p>Operating temperature range from –25 °C to +60 °C from –13 °F to 140 °F</p> <p>Operating humidity up to 90%</p> <p>Protection class IP54</p> <p>Installation height 1.2–1.5 m 4–5 ft</p>	<p>Complete set</p> <p>DoorBell SmartBracket mounting panel Wedge bracket (2 pcs) BellKit Installation kit Quick start guide</p>

¹ This feature will be available in upcoming updates.

² In an open space.



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

ajax.systems/support/devices/doorbell



support@ajax.systems



@AjaxSystemsSupport_Bot



ajax.systems