DoorBell

Video doorbell with built-in AI, PIR sensor, and control via apps

	Camera 4 MP CMOS sensor **Resolution** up to 2688 × 1520 px **Camera viewing angles** horizontal: 155° vertical: 90° **Video protocol** JetSparrow Fast and encrypted peer-to-peer video protocol developed by Ajax Systems. **Storage options** Ajax Cloud (coming soon) NVR **Video codec** H.264 **Dynamic range** HDR Improves the accuracy of detail in bright and dark scenes.
on channel	**Wi-Fi** 802.11 b/g/n module 2.4 GHz, up to 2 Mbit/s. **Jeweller and Wings communication technologies** Proprietary wireless communication technologies to transmit commands, alarms, eve They serve as a backup communication channel when the device is added to the hub

| | **Two-way communication**
Clear and loud voice communication between users and visitors near the device.

Motion detection
The device detects movement using a built-in PIR sensor and software image frame a

Object detection
using AI
People.
Pets.
Vehicles.
Smart IR illumination
up to 6 m
up to 20 ft
Automatic adjustment of intensity in real time to avoid overexposure. This allows you
away or too close to the camera in low-light conditions.

Visual verification of Ajax alarms
The system allows you to set up a scenario when Ajax detectors activate selected ca
result is immediately sent to the mobile or desktop monitoring app.

Microphone
For two-way communication and sound recording at the site.

Audio codec
G722

Audio processing
Always active noise suppression and echo cancellation. |
| | **Sensitive elements**
1 × PIR sensor

Motion detection distance
up to 4 m
up to 13 ft
Depends on the sensitivity level adjusted in the device settings.

Motion detection angle
horizontal: 120°
vertical: 100°

Sensitivity
3 levels
Adjusted by a PRO or a user with admin rights in Ajax apps. |

...commendations	It is recommended to install the device at a height of 1.2–1.5 m. It is recommended to install the device at a height of 4–5 ft. The device is designed for outdoor and indoor use. It is **not recommended** to install the device in direct sunlight. This may cause overhea... device's electrical components.
...ection	**Tamper alarm** Notifications of attempts to remove the device from the mounting panel. **Holding screw** secures the device on SmartBracket **mTLS** Encrypted connection for data protection. **Authentication** via Ajax Cloud Without local access rights. **Secure Boot** Protection against firmware spoofing. **OTA signature verification** Secure automatic firmware update. **Privacy** Access rights distribution for users in mobile apps and for monitoring operators in P... **Communication loss detection** Wi-Fi: can be set from 30 s Jeweller/Wings: after 36 s Detection time depends on **Ajax Cloud connection** and **Jeweller** or **Jeweller/Fibra** se...
	Device power consumption 10 W **Main DC voltage range** 12–24 V⎓ **Main AC voltage range** 16–24 V~, 50/60 Hz **Battery** built-in rechargeable battery: Li-ion 600 mAh Intended to heat the device in a cold climate and provide a backup power supply for s...

	Dimensions 145 × 47 × 34 mm 5.71" × 1.85" × 1.34" **Weight** 163 g 5.75 oz **Operating temperature range** from −25 °C to +60 °C from −13 °F to 140 °F **Operating humidity** up to 90% **Protection class** IP54
	White RAL 9003 **Grey** RAL 7004 **Graphite** RAL 7024 **Black** RAL 9005 **Grey** RAL 7004
	DoorBell SmartBracket mounting panel Wedge bracket (2 pcs) BellKit (for connection to a wired chime) Installation kit Quick start guide
	24 months