

LockBridge (D) Jeweller

Wireless module to integrate compatible Yale Doorman smart locks (V2N/Classic and L3/L3S) into an Ajax system

Communication

Jeweller communication technology

Proprietary wireless communication technology to transmit commands, alarms, and events.

Key features:

- Two-way communication.
- Advanced sabotage protection.
- Block encryption featuring a dynamic key.
- Instant notifications.
- Remote control and configuration in Ajax apps.

Frequency bands

866.0–866.5 MHz

868.0–868.6 MHz

868.7–869.2 MHz

Depends on the sales region.

Maximum effective radiated power (ERP)

up to 20 mW

Automatic power control to reduce power consumption and radio interference.

Radio signal modulation

GFSK

Radio communication range

up to 1,400 m

up to 4,550 ft

Between the device and a hub (or a range extender) in open space.

Encrypted communication

All stored and transmitted data is protected by block encryption featuring a dynamic key.

Frequency hopping

To prevent radio interference and jamming.

Wings communication technology

Proprietary wireless communication technology for uploading firmware updates.

Key features:

- Two-way communication.
- Advanced sabotage protection.
- Block encryption featuring a dynamic key.
- Data packages reload in case of transmission errors.

Frequency bands

866.0–866.5 MHz

868.0–868.6 MHz

868.7–869.2 MHz

Depends on the sales region.

Radio communication range

up to 1,400 m

up to 4,550 ft

Between the device and a hub (or a range extender) in an open space.

Encrypted communication

All stored and transmitted data are protected by block encryption featuring a dynamic key.

Frequency hopping

To prevent radio interference and jamming.

<p>Key features</p>	<p>Compatible smart locks Yale Doorman L3/L3S Yale Doorman V2N / Yale Doorman Classic Before installing the integration module, read the user manual of the corresponding Yale smart lock model. LockBridge (D) Jeweller is not compatible with Yale Linus smart locks. However, an Ajax system already supports integration with Yale smart locks that feature Wi-Fi connectivity.</p> <p>Remote lock state management via Ajax apps You can control the lock via the Devices and Control tabs.</p> <p>In-app passcode (coming soon) You can select whether a passcode is required to change the lock state via Ajax apps.</p> <p>Access rights management (coming soon) Access to the lock can be configured for each system user in the space settings.</p> <p>Notifications (coming soon) when door open/closed when locked/unlocked when scenario executed when the door is open longer than the set time Notification types can be enabled or disabled in an Ajax app.</p> <p>Automation scenarios by arming/disarming The smart lock can be automatically locked or unlocked when the security system state changes. by device actuation The smart lock triggers actions on security state changes. The smart lock triggers actions on other automation devices (coming soon) or security state changes. by alarm (coming soon) The smart lock is triggered by an alarm. by alarm confirmation (coming soon) The smart lock is triggered by alarm confirmation in the zone. by schedule (coming soon) The smart lock is triggered by a schedule.</p> <p>Lock sounds You can select the volume of the lock sound when the door is locked or unlocked.</p>
<p>Recommendations</p>	<p>LockBridge (D) Jeweller must be installed inside the Yale Doorman smart lock.</p> <p>Remove the lock batteries before removing or inserting the integration module.</p>

<p>Sabotage protection</p>	<p>Protection against spoofing integration module authentication</p> <p>Detection of communication loss with the integration module after 36 s Between the hub and LockBridge (D) Jeweller. The value can be changed in the hub settings.</p>
<p>Power supply</p>	<p>Powered directly by the Yale Doorman smart lock batteries. No additional power source required.</p>
<p>Board</p>	<p>Dimensions 51 × 21 × 19 mm 2.01" × 0.83" × 0.75"</p> <p>Weight 8 g 0.28 oz</p> <p>Operating temperature range from -10 °C to +50 °C from 14 °F to 122 °F</p> <p>Operating humidity up to 75%</p> <p>Electric shock protection Class II</p>
<p>Complete set</p>	<p>LockBridge (D) Jeweller Quick start guide</p>
<p>Warranty</p>	<p>24 months</p>