PHILIPS

Palm vein embedded smart lock

7000 Series

- Palm vein recognition
- 3D facial recognition
- Remote video intercom
- Motion-triggered capture

DDL710MEFCKW





Minimalist low-profile design

Palm vein and facial recognition for easy access

The DDL710M-11HWS features a sleek embedded design and multiple biometric unlocking options. Use your fingerprint, face, or palm vein for secure, effortless entry every day.

Secure protection, smart embedded

- Instant alerts for mortise abnormalities
- Get alerts when your lock status changes
- Always stay aware of doorstep activity

Easy life goes beyond this

- Smooth rotation for effortless unlocking
- Offer convenient access for the whole family
- See your doorstep at a glance
- Designed for premium entrance doors

Smart life "locked" with excellence

- Smart illumination ensures clear visibility at night
- Enables real-time communication from anywhere
- Suitable for all ages
- Instant, contactless unlocking

7000 Series

Palm vein embedded smart lock

DDL710MEFCKW/00

Highlights

3D facial recognition

As users approach within 1 meter* of the door, the system automatically activates facial recognition for contactless entry. It performs reliably in low-light and backlit conditions. Liveness detection prevents photo and video spoofing, ensuring secure and effortless access.

Wave-to-unlock

When the hand is placed within 8–25 cm* of the detection area, the system recognizes palm vein patterns and enables instant unlocking. Powered by liveness detection, it ensures secure contactless entry for users of all ages, including those with worn or less distinct fingerprints.

Remote video intercom

When a visitor presses the doorbell, a notification is sent to the Home Access App, enabling real-time intercom with a single tap. If the call is not answered, the system captures photos or records video of the visitor and stores them in the event history.

Wide-angle night vision

When light conditions become low, the system automatically activates infrared illumination and switches to night vision mode for clear visibility. Even in low-light environments, it delivers sharp images of visitors at close range, enhancing entrance security.

Low-profile door lock

The outdoor panel features a low-profile design that sits nearly level with the door face, creating a seamless integration between the lock and the door. Designed for premium entrance doors, it delivers a clean and refined aesthetic that enhances the entrance.

4-inch HD display

With a clear live view, you can monitor your front door at any time. The indoor panel features a 4-inch HD display and a touch-enabled button for quick access to the door camera feed. You can also take photos or record videos to capture visitor activity and important moments.

Quick-release interior handle

The interior panel features a quick-release handle that enables manual unlocking by turning the handle in the event of system malfunction, ensuring reliable exit under all conditions.

7 unlocking methods

Philips DDL710M-11HWS supports seven unlocking methods: face recognition, palm vein, fingerprint, PIN code, key tag, mechanical key, and the Home Access App, offering flexible access for different user habits and daily needs.

Smart capture

When motion or presence is detected within 1 meter* of the entrance, the system automatically activates the door viewer to capture photos or record video and sends real-time alerts to the Home Access App, keeping users informed and enhancing security.

Electronic sensor mortise*

The DDL710M-11HWS is equipped with a 311 mortise lock with a built-in detection switch for real-time monitoring of lock status. When abnormalities occur, such as tampering, prolonged door-open status*, or latch issues, both the lock and the Home Access App send instant alerts, ensuring reliable home security and a smooth user experience.

Instant lock status monitoring

Stay informed of changes to your door lock status for enhanced security awareness. Lock status monitoring covers tamper detection, latch abnormality, system lock and arming status*. When any change is detected, instant alerts are sent to the Home Access App, enabling quick response and full control of home security.

Specifications

Design & Appearance

Color: Sky grey
Handle: Push-pull handle
Main Material: Aluminium alloy
Surface Processing: Baked paint finish

Lock Capacity

Fingerprint: Up to 100(Master fingerprint incl.)
Card/Key Tag: Up to 100
Master PIN Code: 1
User PIN Code: Up to 50(one-time PIN codes incl.)
Face ID: Up to 50
Palm vein ID: Up to 50

Power Specification

Battery Type: Li-polymer Battery
Time of Use: 3 months*
Battery Capacity: 5000 mAh

Installation

Door Thickness: 55-120 mm, Other range*
Door Opening Direction: Left inward opening, Left outward opening, Right inward opening, Right outward oepning
Door Type: Security door
Door backset: 70 mm

* 8–25 cm: laboratory tests confirm this is the effective distance for palm vein recognition.
* 1 meter: the radar sensor has a maximum detection range of 1 meter. The lingering alert is disabled by default and can be enabled via the Home Access App. Sensitivity can be adjusted in the Home Access App, with high sensitivity covering up to 1 meter and low sensitivity up to 0.5 meter. Lingering duration can be set to 10, 20, 30, or 60 seconds.
* Electronic sensor mortise: a mortise with electronic detection capabilities that triggers alerts in case of latch issues.
* Prolonged door-open status: if the door is not closed within 10 seconds after unlocking, the lock will issue a voice prompt: “Door has not closed”. This feature works only with the electronic sensor mortise.
* Arming status: is only available with a mechanical mortise equipped with a detection switch.
* 3 months: this is internal test data; actual battery life may vary with usage frequency.
* Other range: the included installation kit is suitable for doors with the mentioned thickness. For doors outside this range, please contact authorized consumer care centers or designated offline dealers.
* Latch shape: the latch shape may differ from that shown in the product images. Please refer to the actual mortise and latch configuration of the product in use.

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