

PHILIPS



Palm and face
recognition smart lock

7000 series

Palm vein recognition

3D face recognition

Remote visual intercom

Motion-triggered capture



DDL720ECABW

Face or palm

One scan to unlock instantly

Experience the Philips DDL720-MFVP-11HWS with multiple biometric options! Fingerprint, face, or palm vein — choose your way and unlock your home easily and safely every day.

Smart life "locked" with excellence

- No touch, pure convenience
- Perfect for all ages
- Stay informed about your doorstep while away
- 24/7 online home monitoring
- Smart lighting ensures clarity even at night
- Data encrypted for added security

Secure protection, smart embedded

- Your instant home guarding assistant
- Instant alerts for mortise abnormalities
- No more security worries

Easy life goes beyond this

- See your doorstep at a glance
- Ideal for the whole family
- One turn, instant unlock

Highlights

3D face unlock

Approaching within 1 meter* of the door triggers the radar sensor, activating the facial recognition module for effortless, touch-free entry. The DDL720-MFVP-11HWS performs reliably in low-light and backlit conditions, quickly recognizing faces even with makeup, glasses, or hats. It also effectively detects photos and videos to prevent unauthorized access.

Unlock with a palm scan

Simply hold your palm 8–25 cm* from the lock, and the palm vein recognition module quickly reads and verifies your unique vein pattern to unlock the door. Liveness detection ensures reliable security, while even elderly users with worn fingers or children with faint fingerprints can use it effortlessly. Fast, secure, and touch-free — the perfect solution for the whole family.

Works with Home Access App

The DDL720-MFVP-11HWS works with the Home Access App. Once connected, you can check the lock's operation history, doorbell messages, and unlock records anytime, anywhere. You'll receive instant alerts for any abnormal activity, keeping you updated on every door event — and giving you peace of mind at all times.

Video door viewer

When someone rings the doorbell, a real-time alert is sent to the Home Access App. With a single tap, you can answer the call and see who's outside. The video door viewer automatically takes photos or records video, so you can review the visitor log anytime—even if you miss the call.

Wide-angle night vision

The DDL720-MFVP-11HWS features a high-definition camera with an infrared fill light for both day and night vision. When ambient light drops, the infrared light activates automatically and the camera switches to night vision, maintaining clear facial recognition up to 2 meters.

Cloud storage*

Once a cloud storage plan is activated, the DDL720-MFVP-11HWS will upload snapshots or recordings to the cloud in an encrypted format. Even if the lock is damaged or malfunctions, your data remains secure and accessible at any time through the Home Access App.

Smart dynamic capture

With a 5.8 GHz radar sensor, the DDL720-MFVP-11HWS detects anyone lingering within 1 meter* of your door. It automatically triggers the video door viewer to capture activity and instantly sends snapshots or video to the Home Access App, so you can effortlessly keep an eye on your doorstep and enjoy real-time home security.

Electronic sensor mortise*

The DDL720-MFVP-11HWS features a 311 mortise with a detection switch for improved security and convenience compared to regular mechanical locks. Real-time alerts for tampering, door left ajar for too long*, or latch malfunctions are triggered on your lock and sent to the app, so your home stays protected at all times.

Real-time push alerts

Home security, fully protected. The DDL720-MFVP-11HWS offers multiple safety alerts—including latch abnormality detection, armed mode*, tamper detection, system lock-out, and lingering detection. Any abnormal events are pushed in real time to the app, ensuring your home is always secure.

4-inch LCD display

The indoor assembly features a 4-inch LCD display, letting you check visitors and your doorstep without opening the door. Simply tap the screen for quick access—no need for a traditional peephole—making it perfect for seniors and children. You can also customize brightness and screen timeout through the Home Access App for a personalized experience.

8 unlocking methods

The DDL720-MFVP-11HWS supports eight unlocking methods: face, palm vein, fingerprint, PIN code, App, remote control* (optional), key tag, and mechanical key, providing easy access for users of all ages, including the elderly and children.

Indoor quick-open handle

The indoor assembly features a quick-open handle. In an emergency, even if the smart lock's electronic functions fail, simply turning the handle unlocks the door, ensuring user safety and peace of mind.

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Specifications

Design & Appearance

Color: Obsidian black

Handle: Push-pull handle

Main Material: Aluminium alloy, Tempered glass

Surface Processing: Baked paint finish

Access Solution

Fingerprint

Password/PIN Code

Card/Key Tag

Mechanical Key

Face Unlock

Mobile APP

Palm vein recognition

Lock Capacity

Fingerprint: Up to 100(Master fingerprint incl.)

Card/Key Tag: Up to 100

Master PIN Code: 1

User PIN Code: Up to 20(One-time codes incl.)

Face ID: Up to 50

Power Specification

Battery Type: Li-polymer Battery

Time of Use: 3 months*

Smart Lock Functions

Mortise: 311 mortise with sensing module included

Installation

Door Thickness: 38-60 mm, 60-90 mm, 90-120 mm, Other range*

Door Opening Direction: Right inward opening, Right outward opening, Left inward opening, Left outward opening

Door Type: Wooden door, Copper door, Security door



- * 8–25 cm: laboratory tests show that this is the effective distance for palm vein recognition.
- * Cloud storage: only subscribers to the cloud storage service can access historical recorded videos; non-subscribers can view only high-definition snapshots.
- * 1 meter: the radar sensor has a maximum detection range of 1 meter. The lingering alert is off by default and can be enabled via the Home Access App. Sensitivity can be adjusted in the app—high sensitivity detects up to 1 meter, 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 functions that triggers alerts when it senses abnormal latch conditions.
- * Door left ajar for too long: if the door is not closed within 10 seconds of unlocking, the lock will issue the alert: "Door has not closed." This function is only supported when using the included mortise equipped with electronic detection.
- * Armed mode: available only with the included mechanical mortise equipped with a detection switch. It won't work with a mechanical mortise without a detection switch.
- * Remote control: not included as standard; sold separately.
- * 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.