PHILIPS

Home Access

7000 series

Palm vein smart door lock

DDL720-MVP-17HWS



Your palm, your key

Unlock with just a wave

Enjoy the palm vein unlocking experience with a simple wave! The Philips DDL720-MVP-17HWS features palm vein recognition, allowing you to unlock with palm scanning. Touchless sensing unlocks your door—your palm is the key.



Palm vein recognition | Touchless unlocking for instant access

Palm vein recognition uses near-infrared light to detect hemoglobin in flowing blood, capturing accurate images for secure unlocking through palm vein comparison. With live recognition, it' s precise, safe, and touch-free, addressing issues like shallow fingerprints and dry skin. Ideal for the whole family.

Work with Home Access App* | Stay informed about your doorstep while away

The DDL720-MVP-17HWS works with the Home Access App. Once connected to the network, you can access lock operation records, doorbell notifications, and unlocking history anytime, anywhere. Get instant alerts for any unusual activity via pop-up notifications, ensuring you stay informed and secure at your doorstep.

*Home Access App: the DDL720-MVP-17HWS works with Home Access App.

Video door viewer | Monitor your home online 24/7

When visitors ring the doorbell, you'll instantly receive a notification on the Home Access App. Simply tap the message to start a two-way audio conversation and remotely check your doorstep. Plus, the video door viewer automatically captures photos or records videos whenever the doorbell is pressed. Even if you can't respond immediately, you can easily review visitor details in the logs.

Wide-angle night vision camera | Smart lighting for clearer sight, even in the night

The DDL720-MVP-17HWS features a wide-angle camera and four low-power infrared lights, offering both daytime and night vision modes. When the light dims, the infrared lights automatically activate, seamlessly switching to night vision. It can clearly recognize facial features even from a distance of 2 meters.

Cloud storage* | Data encrypted for added security

Once the cloud storage service is activated, the DDL720-MVP-17HWS securely uploads encrypted snapshots and recordings to the cloud. Even if the lock is tampered with or damaged, your data remains safe and accessible at any time through the Home Access App.

*Cloud storage: only subscribers to the cloud storage service can access historical recorded videos; non-subscribers can view only high-definition snapshots.

Smart motion tracking | Your instant home guarding assistant

The DDL720-MVP-17HWS features a radar sensor that activates the video door viewer when it detects unusual activity within 1 meter* outside your door. It instantly sends this information to the Home Access App, making it easy for you to monitor your doorstep and enhance your home security.

* 1 meter: the radar sensor detects activity up to 1 meter. Loitering alerts are turned off by default but can be activated in the Home Access App. You can adjust loitering sensitivity in the App: high sensitivity at 1 meter and low sensitivity at 0.5 meters. Set loitering duration to 10, 20, 30, or 60 seconds.

One-tap voice change | Elevate your privacy and security

The DDL720-MVP-17HWS offers real-time voice changing, letting you choose from 'Original Voice', 'Deep Voice', or 'Funny Voice' during remote video communication. Easily disguise your true voice when interacting with strangers, enhancing your privacy and security.

Mechanical electronic mortise* | Automatic locking upon closing

The DDL720-MVP-17HWS features a mechanical electronic mortise that offers superior security and convenience compared to common mechanical locks. When the sensor latch is triggered, the system automatically checks the lock status. If the door is closed, an external an external motor engages within 10 seconds* to secure the lock, ensuring your home safety.

*Mechanical electronic mortise: refers to mortises that feature an external motor and electronic detection. When the sensor latch is triggered and the door lock is closed, the external motor engages the deadbolt to complete the locking.
*10 seconds: data sources from internal testing data.

Real-time push alerts | Say goodbye to the security concern

Home security, fully protected. The DDL720-MVP-17HWS offers multiple safety alerts, including latch anomalies, armed mode, tamper alerts, system lockout, and loitering detection. Any unusual activity is instantly sent to the app, ensuring your home remains secure at all times.

4-inch LCD display | Know what's outside at a glance

The indoor assembly features a 4-inch LCD display for easily checking visitors and your doorstep without opening the door. Simply tap the screen for quick access, eliminating the need for traditional peepholes, making it user-friendly for seniors and kids. You can also adjust the display brightness and screen timeout duration through the Home Access App to suit your preferences.

5 unlocking methods | Ideal for the whole family

The DDL720-MVP-17HWS supports five unlocking methods: palm vein, fingerprint, PIN code, key tag, and mechanical key. With versatile options, it effortlessly adapts to various situations, making it especially convenient for seniors and children.

Indoor quick-open handle | One turn, instant unlock

The indoor assembly features a quick-open handle. In emergencies, if the smart lock's electronic functions fail, a simple turn of the handle is all it takes to unlock the door, ensuring your safety and peace of mind.

Specifications

General Characteristics	
Material	Aluminum alloy
Finishing	Baking varnish
Color	Gray
Mortise	Regular configuration:311 mortise with the sense switch /Compatible with:301 first gear mechanical mortise /C-grade lock cylinder
Fingerprint sensor	Semiconductor
Connection	Wi-Fi
Access Solution	
Outside unlocking	Palm vein / Fingerprint / PIN code / Key tag /Temporary PIN code /Mechanical key
Inside unlocking	Handle / Button
Capacity	
User PIN code	20(induded one-time PIN code)
Master PIN code	1
Fingerprint	99
Master Fingerprint	1
Palm vein	50
Key tag	100

Modes	
Operation modes	Manual mode
System unlock modes	General mode
	Dual verification mode
Electrical Power	
Power supply	Li-Polymer battery
Battery life*	3 months
Emergency charging	5V power bank
Operating Environment	
Temperature	-20°C~+60°C
Humidity	15%RH~93%RH
Installation Requirements	
Door thickness	38~120mm / Other range*
Door swing direction	Left-in/Left-out
	Right-in/Right-out
Door type	Wooden/Copper/Security
Key Features	
Lock	System lock/Indoor deadlock
Safety	Hidden PIN code
	Dual verification function
	Outside forced lock mode
	Fast opening switch handle
Alert	Anti-dismantling alert
	Outside forced lock alert
	Abnormal latch bolt alert
	System locking alarm
	Low battery level alert
Remote	Share temporary PIN code
	APP add/delete PIN code
	Check access recordg
Doorbell & Video	Visitor's arrival notification /Remote visual and two-way intercom /Voice-changing in video calls /Surveillance of outside situation via indoor screen
Emergency escape	Indoor fast opening mortise
Update	0TA & update via rear interface
Indicator	Low battery level indicator
	Lock status indicator
	System lock indicator
	Outside forced lock indicator
	Outdoor one-touch lock indicator
Voice guide	Human voice guide

*Operation mode: 311 mortise with the sense switch only has auto mode.
*Battery life: The actual battery life will vary depending on the using scenarios.

*Other range: For other special installation environments, please contact the relevant staff for more information.