

UNIS Smart Lock

Your Palm. Your Face. Your Key.



ULTIMATE BIOMETRIC SECURITY

PALM VEIN BIOMETRIC TECHNOLOGY



OPENING THE DOOR IN SECONDS WITH PALM SWIPING

Powered by the same in-vivo biometric technology trusted by global financial institutions, it reads unique subcutaneous vein patterns - impossible to replicate with photos or prosthetics.

Performing in a more accurate, reliable, sensitive and secure manner than the smart lock applying fingerprint recognition.

The Palm Vein System ensures secure access for all ages and physical conditions - even with shallow fingerprints, long nails, or skin issues (dryness, wetness, peeling, injury).

The 24 GHz radar senses when you're near and wakes the keypad - ready to scan your palm. Raise your hand - it reads the hidden veins inside, safer than fingerprints, with no contact and no risk of being copied.



3D STRUCTURED LIGHT FACIAL RECOGNITION

Free your hands with instant face scan.

Instantly unlock at a glance, free your hands in REAL sense.

The 3D structured light technology uses practical measurement and emits 30,000 scattered light points to capture over 1000 facial points with millimeter-level accuracy.

Rejects 2D photos, masks, and videos, ensuring only your real face grants access in under 0.5 seconds.



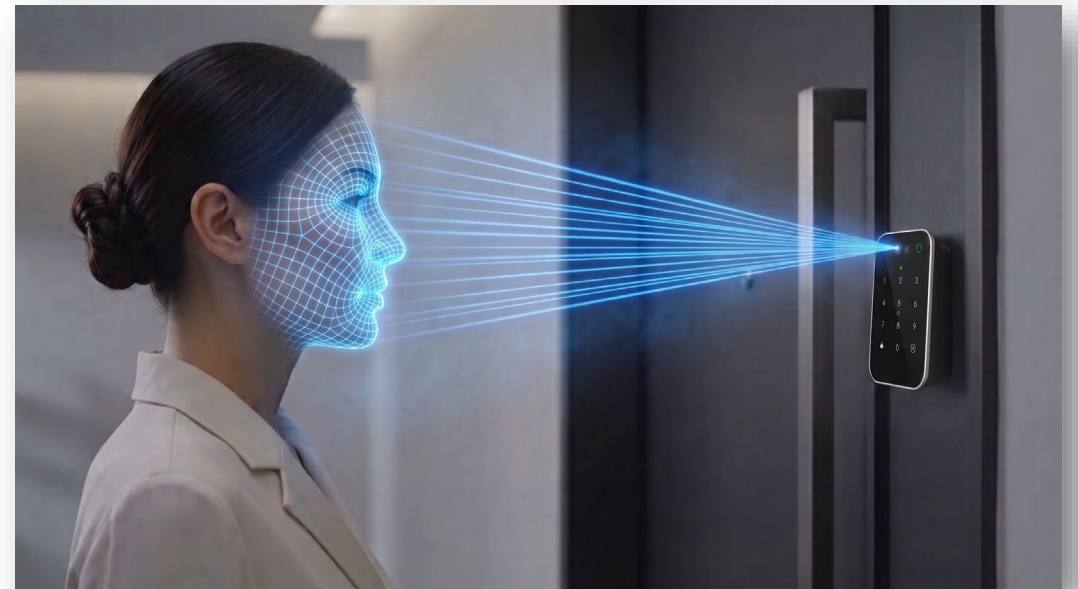
with glasses



with make-up



in darkness

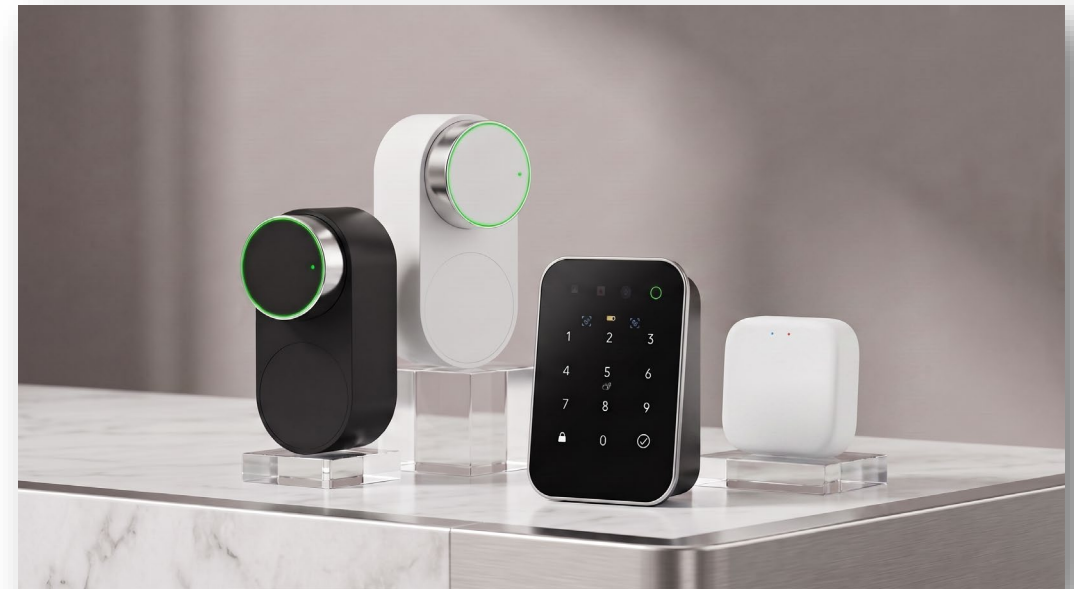


A COMPLETE RETROFIT SMART LOCK SOLUTION FOR EUROPEAN DOORS

UNIS Smart Lock set upgrades your existing mechanical lock in minutes, adding:

- 3D structured-light face recognition,
- palm vein recognition,
- radar-based wake-up,
- one-touch indoor locking,
- automatic locking,
- connected control,
- over one year of battery life

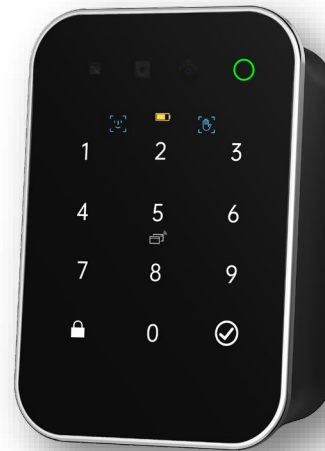
and all in a clean, minimalist design.



A COMPLETE RETROFIT SMART LOCK SOLUTION FOR EUROPEAN DOORS



LOCK

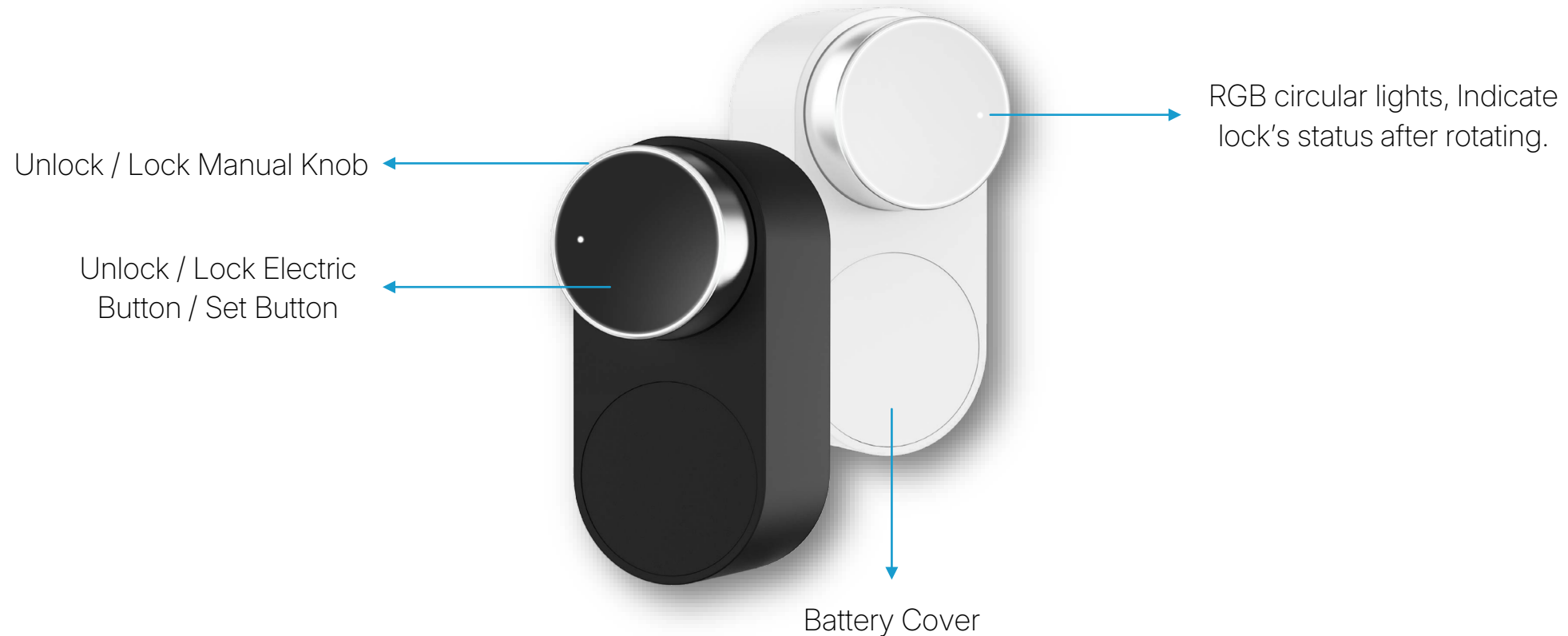


KEYPAD



HUB

MINIMALIST DESIGN WITH INTELLIGENT CONTROL



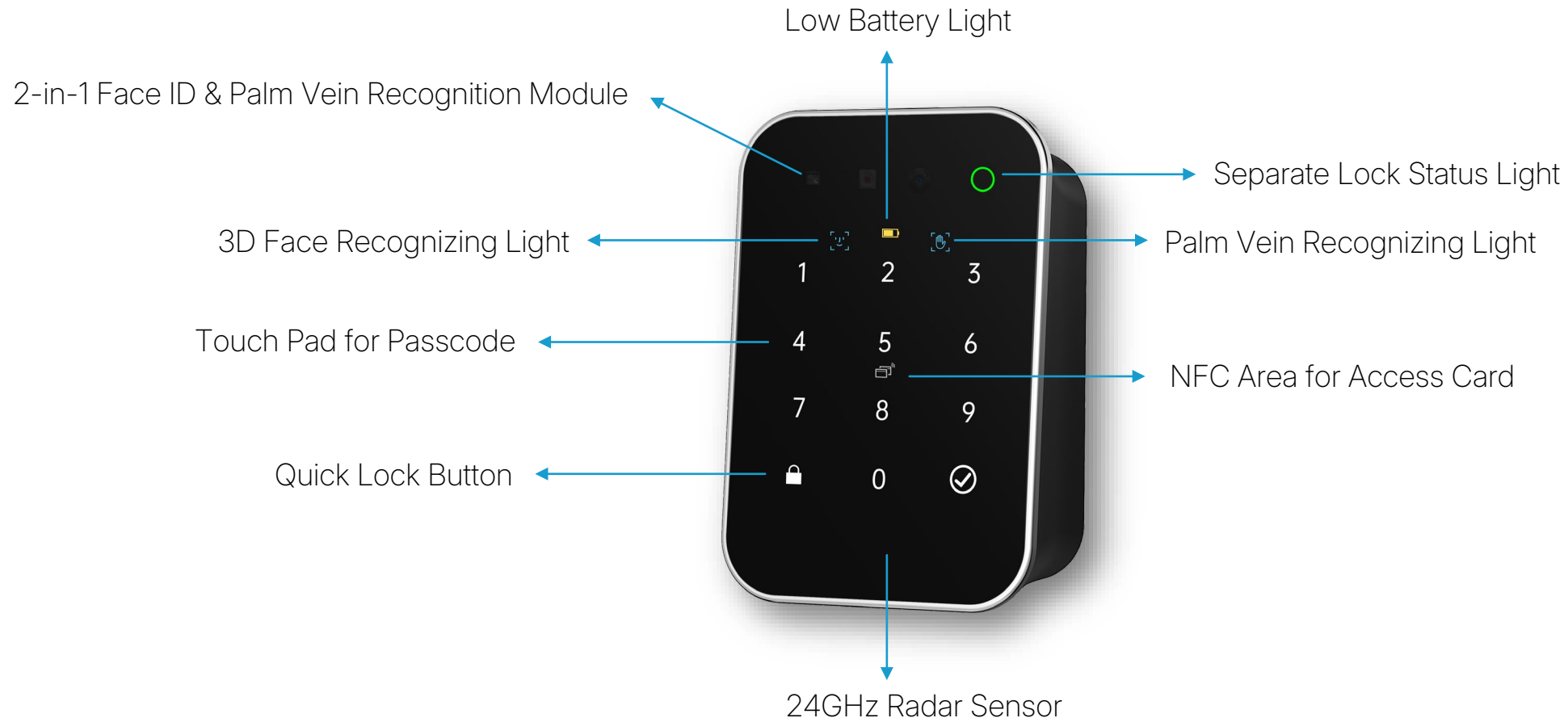
AUTO-LOCK WITH BUILT-IN 6 AXIS SENSOR

Locks Instantly the Moment Your Door Closes, Fast and Secure.

- Built-in Door Sensor
- Auto-lock without a separate magnet on the door frame
- Combines high-precision gyroscope and IMU sensor to detect door closure in real time, triggering automatic locking instantly without manual operation
- The IMU chipset (Made in Japan) for auto-lock uses a built-in six-axis TDK InvenSense (3-axis gyroscope + 3-axis accelerometer)
- Ultra-Low Power Consumption
- High Precision & Low Drift
- Hardware-Level Event Engine (APEX)
- High Shock Tolerance & Fast Recovery



ADVANCED BIOMETRIC ACCESS IN A SINGLE KEYPAD



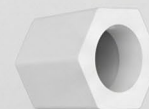
WIRELESS BLUETOOTH GATEWAY

BLE-to-Wi-Fi Bridge · Smart Life / Tuya Smart app



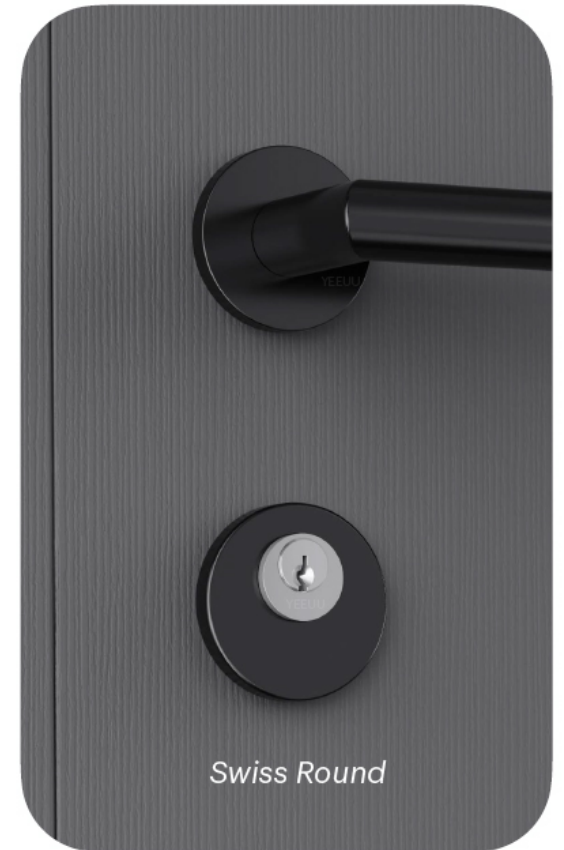


ADAPTERS



DESIGNED TO FIT MOST EUROPEAN DOOR CYLINDERS

NO LOCK REPLACEMENT REQUIRED







INDOOR QUICK-RELEASE BUTTON

Lock/Unlock Your Door with Just a Press, Effortless and Instant



UNIS SMART LOCK serie T



Model	T 110
Dimensions	125 × 60 × 48/68 mm
Weight	282.0 g
Materials	PC + ABS + Al alloy
Communication	BLE
Latch Bolt Control	YES, can hold the latch bolt for 5 seconds
Quick Button	Mechanical button, one Click to lock/unlock
Manual Knob	Manual unlock/lock by rotating the knob
Auto-lock	Built-in 6-Axis door sensor, no magnet on the door frame
Low-power Indicator	Yellow light, sound alerts, and app notifications
Battery	2 × 2 × CR123A (2S2P), over 16 months endurance
Nominal Voltage	6.0 V
Rated Capacity	3000 mAh - 4 × CR123A
Installation	Fixed with screws or adhesive mounting
Key Adaption	H45 × W40 × D7 mm, 2 key adapters included
Knob Adaption	YES, 5 thumb-turn adapters included
Operating Environment	Indoor use: -10°C to 50°C, 10% to 90% RH

UNIS SMART LOCK serie T



Model	T 111
Dimensions	125 × 60 × 48/68 mm
Weight	282.0 g
Materials	PC + ABS + Al alloy
Communication	BLE
Latch Bolt Control	YES, can hold the latch bolt for 5 seconds
Quick Button	Mechanical button, one Click to lock/unlock
Manual Knob	Manual unlock/lock by rotating the knob
Auto-lock	Built-in 6-Axis door sensor, no magnet on the door frame
Low-power Indicator	Yellow light, sound alerts, and app notifications
Battery	2 × 2 × CR123A (2S2P), over 16 months endurance
Nominal Voltage	6.0 V
Rated Capacity	3000 mAh - 4 × CR123A
Installation	Fixed with screws or adhesive mounting
Key Adaption	H45 × W40 × D7 mm, 2 key adapters included
Knob Adaption	YES, 5 thumb-turn adapters included
Operating Environment	Indoor use: -10°C to 50°C, 10% to 90% RH

UNIS SMART KEYPAD serie P



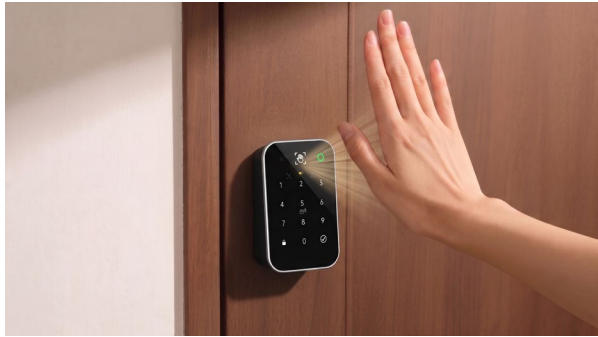
Model	P 290
Dimensions	102 × 70 × 38 mm
Weight	108.2 g
Materials	PC + ABS + Anti-UV coating Glass
Communication	BLE
Face Recognition	YES, up to 50 users, a face icon flash when recognizing
Palm Vein Recognition	YES, up to 50 users, a palm icon flash when recognizing
Passcode	YES, touchpad, 6–12 digits, combined up to 50 users
NFC	YES, up to 50 users
Low-power Indicator	Yellow light, sound alerts, and app notifications
Battery	2 × 2 × CR123A (2S2P), over 12 months endurance
Nominal Voltage	6.0 V
Rated Capacity	3000 mAh - 4 × CR123A
Installation	Fixed with screws or adhesive mounting
Operating Environment	Outdoor use: -20°C to 45°C, 10% to 90% RH
Water-proof	IP65 rated

UNIS SMART HUB serie H

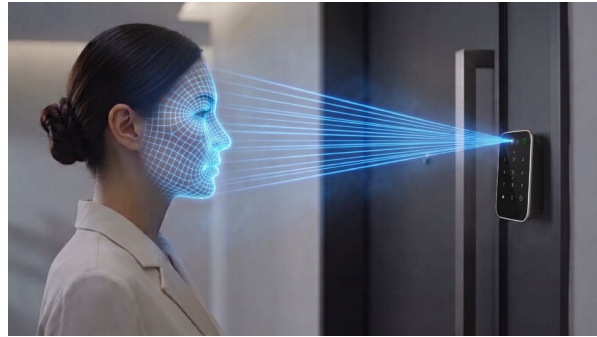


Model	H1
Dimensions	62 × 61.8 × 15.3 mm
Weight	30 g
Materials	PC + ABS
Communication	BLE&Wi-Fi enabled, Requires a 2.4GHz Wi-Fi network connected to the Internet
BLE Connectivity	Up to 128 devices, stable within 5 meters
Set Button	Yes
App	Smart Life / Tuya Smart app
Power Supply	USB-C, DC 5V/1A
Operating Environment	Indoor use: -10°C to 45°C, 10% to 90% RH

6 KEY REASONS TO CHOOSE UNIS SMART LOCK



Palm Vein Recognition



3D Face Recognition



Unlocking with NFC cards



Unlocking with PIN codes



Unlocking with Bluetooth app



Remote unlocking



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