



Digital Access Catalog

2026



Your Home Remembers You

A door that recognizes your face, reads your card, or accepts your PIN is a statement about how a space was designed to treat the people inside it. Access control is the first and last thing a person experiences in a building, and it deserves to be specified with the same care as every other element of the architecture.

HABITUS CONCEPT Digital Access products was built around that standard. The hardware controlling a door should be chosen with the same rigor as the door itself, held to the same level of finish, precision, and accountability.

AI Powered Neural Processor for fast verification, credential security at the hardware level, installation that fits the building: these are what a considered specification produces.

Every product here exists to deliver on one promise.

Your home remembers you.



HABITUS Q3

99.99% recognition accuracy with live anti-spoofing detection — built for outdoor and high-traffic environments.



PRODUCT FEATURES

99.99% Recognition Accuracy

NPU-optimized AI delivers up to 99.99% facial recognition accuracy with 0.3s fast verification — even in high-traffic environments.

Live Anti-Spoofing Detection

Dual IR + RGB camera system detects and rejects attacks from photos, videos, and 3D masks. No fake face gets through.

IP65 Outdoor Rated

Fully protected against dust and water ingress. Designed for outdoor installation and harsh environmental conditions.

Multi-Mode Access

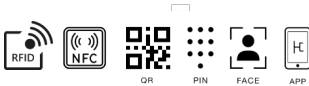
Supports Face, Card, Face + Card, Card + Password, and User ID + Password — flexible credential combinations for any security requirement.

10,000 Face Database

Stores up to 10,000 facial templates on-device with a log capacity of 100,000 records. No cloud dependency required.

Dual-Band Card + Wi-Fi

Reads EM 125kHz and MIFARE 13.56MHz cards including NFC. Connects via TCP/IP or Wi-Fi for flexible network integration.



DIMENSIONS & SPECIFICATIONS

Operating System	Linux
CPU	Dual-core ARM Cortex-A7 @ 900MHz
NPU	1.2 TOPS
Storage	1GB RAM + 8GB ROM
Display	5-inch TN LCD touch screen, 550 lux
Cameras	IR + RGB dual-lens
Card Modules	EM 125kHz + MIFARE 13.56MHz + NFC
I/O Interfaces	Relay, Wiegand in/out, RS232, Door sensor, Exit button, USB
Communication	TCP/IP, Wi-Fi
Face Capacity	10,000 templates
Log Capacity	Max. 100,000 records
Accuracy	Up to 99.99%
Recognition Distance	Live: 0.3–1.5m / Non-live: 0.3–3m
Verification Modes	Face, Card, Face+Card, Card+Password, User ID+Password
Power Supply	DC 12V / 2A (Max. 15W)
Operating Temperature	-10°C to 60°C
Operating Humidity	10% to 90%
Environmental Rating	IP65
Dimensions (W×H×D)	84 × 174 × 18mm





ACCESS CONTROL | AI FACE RECOGNITION TERMINAL

BIOMETRICS S3

NPU-powered on-device AI face recognition — IP65 and IK06 rated, GDPR compliant.



PRODUCT FEATURES

On-Device AI Recognition

NPU processes all biometric data locally — no cloud dependency, no latency, no data leaving the premises.

Four Contactless Access Modes

Face, card, mobile credential, and QR/barcode — any combination, fully configurable per door.

Face Template on Mobile

Users store their own biometric profile on their personal device. Biometric data never held in a company database.

Anti-Spoofing Detection

Detects and rejects fake faces, printed photos, and screen-based attacks. Recognition adapts to masks, glasses, and hats.

IP65 + IK06 Rated

Fully sealed against dust and water ingress. IK06 impact-rated — suitable for outdoor and vandal-prone environments.

GDPR and ISO 27001 Compliant

Privacy certifications built in. Designed for regulated environments where biometric data governance is non-negotiable.

DIMENSIONS & SPECIFICATIONS

AI Engine	NPU — on-device neural processing
Access Technology	Face, RFID card, mobile credential, QR/barcode
Dimensions (W×H×D)	81 × 170 × 23mm
Environmental Rating	IP65, IK06
Connectivity	Wi-Fi, PoE+
Communication	VoIP Intercom, RTSP video monitoring
Security Hardware	Secure Element — cyber-attack protection
Privacy Certifications	ISO/IEC 27001, GDPR compliant
Size vs. Previous Gen	47% smaller than previous generation





ACCESS CONTROL | FINGERPRINT + PIN + CARD READER

AUTOMATIC READER N2

Triple-mode biometric access with IP67 protection — built for demanding environments.



PRODUCT FEATURES

Triple-Mode Access

Fingerprint, card, or PIN — any combination. No single point of failure.

IP67 Rated

Fully sealed against dust and water. Suitable for outdoor and harsh indoor environments.

FBI PIV FAP 10 Certified

OP6 optical sensor meets the highest international biometric accuracy standard.

Dual-Band Card Reading

LF 125kHz and HF 13.56MHz simultaneously — compatible with NFC and BLE mobile credentials.

Built-In Time & Attendance

Color LCD with keypad doubles as a T&A terminal. Two functions in one device.

1.2 GHz Processor

Fast, responsive recognition without perceptible delay, even in high-traffic access points.



DIMENSIONS & SPECIFICATIONS

CPU	1.2 GHz
Fingerprint Sensor	OP6 Optical — FBI PIV FAP 10
Card Frequency	LF 125kHz + HF 13.56MHz (dual-band)
Mobile Credential	NFC and BLE
Display	Color LCD with numeric keypad
Dimensions (WxHxD)	53 x 180 x 37mm (total ht. 191mm)
Environmental Rating	IP67 — Dust and waterproof
Operating Voltage	12V DC
Communication	Wiegand / RS-485
Certifications	FBI PIV FAP 10 (BLN2-PAB sensor)





ACCESS CONTROL | MULTI-TECHNOLOGY RFID + BLUETOOTH READER

AUTOMATIC READER V1

EAL 5+ certified mobile-ready card reader — IP55 rated for indoor and outdoor deployment.



PRODUCT FEATURES

Mobile-Ready Access

Supports Bluetooth Low Energy mobile credentials via Seos — smartphone tap access without any additional hardware.

EAL 5+ Secure Element

Hardware-level credential protection certified to EAL 5+. Credentials cannot be cloned or intercepted.

Multi-Technology Card Support

Reads 13.56MHz MIFARE Classic and DESFire cards alongside 2.4GHz Bluetooth. Covers virtually all existing card infrastructure.

IP55 Indoor and Outdoor Rated

UL294-certified for both indoor and outdoor installation. Operates reliably from -10°C to 60°C.

Field Configurable

Fully configurable via Reader Manager — no specialist programmer required. Single part number simplifies procurement.

Minimal Visual Footprint

At 45 × 121.5 × 19.5mm and 75g, the V1 installs flush on any mullion or flat surface.



DIMENSIONS & SPECIFICATIONS

Part Number	V20-V0-000000
Technology	Multi-tech RFID + Bluetooth Low Energy
2.4GHz Credential	Mobile via Seos (Bluetooth)
13.56MHz Credential	MIFARE Classic & DESFire, 32-bit CSN
Read Range	Up to 8cm
Dimensions (W×L×D)	45 × 121.5 × 19.5mm
Weight	75g
Operating Voltage	12V DC
Current Draw	NSC 60mA / Peak 250mA / Max Avg 70mA
Operating Temperature	-10°C to 60°C
Environmental Rating	IP55 — UL294 indoor and outdoor rated
Communication	Wiegand, OSDP
Security	EAL 5+ certified Secure Element
Housing Material	Polycarbonate UL94 V0
Color	Black bezel / Black baseplate
Mounting	Mullion or flat surface





DIGITAL ACCESS | BATTERY OPERATED DIGITAL LOCK | RFID CARD + PIN

HABITUS SMART DUO

Drop-in retrofit digital lock — RFID card and PIN, up to 2-year battery life, 100,000-cycle durability.



PRODUCT FEATURES

Drop-In Retrofit Installation

Replaces existing cylinder hardware without door modification. No cutting, no new cabling. Fits standard door prep on timber and steel doors.

RFID Card and PIN Access

Supports MIFARE Classic 1K/4K and FeliCa cards. Configurable in OR mode (card or PIN) or AND mode (card and PIN together) per application requirement.

Two-Year Battery Life

4 AA alkaline or lithium batteries rated to up to 2 years at 10 uses per day, with 100,000-cycle mechanical durability. No hardwiring required.

Random Fake PIN Entry

Enter any random digits before the real PIN to prevent fingerprint trace identification on the keypad. Security without changing user behavior.

IPX5 Weather-Rated Exterior

Exterior panel rated IPX5 for water resistance. Suitable for apartment entrance and outdoor-adjacent residential installations.

Mechanical Key Override

Removable cylinder cover provides mechanical key backup. Emergency 9V external battery contact for lockout recovery.



DIMENSIONS & SPECIFICATIONS

Access Modes	RFID Card + PIN
Card Technology	MIFARE Classic 1K/4K, FeliCa
Authentication Mode	OR mode (card or PIN) / AND mode (card + PIN)
Door Thickness	33–50mm
Backset	51mm, 64mm
Applicable Cylinder	U9, PR, JN
Power Supply	4 AA alkaline or lithium batteries
Battery Life	Up to 2 years (10 uses/day at 20°C)
Emergency Power	9V square alkaline battery (external)
IP Rating	Outside: IPX5 / Inside: IPX4
Operating Temperature	0°C to 50°C (alkaline) / -30°C to 50°C (lithium)
Front Panel Dimensions	55.2 x 191.5mm
Durability	100,000 cycles
Finishes	Matt Black, Silver

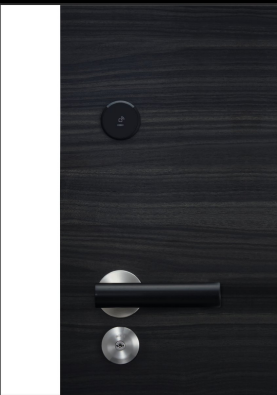




DIGITAL ACCESS | HOTEL CARDLOCK SYSTEM | FOR STEEL DOORS

HABITUS FLUSH PRO

4mm flat RFID reader with integrated-into-door design — 18-month battery life, MIFARE encrypted.



PRODUCT FEATURES

4mm Flat Embedded Reader

Reader thickness of just 4mm sits virtually flush with the door surface. Wide LED indicator across the top for clear status visibility.

Encrypted Card Security

Key card data encrypted with proprietary algorithm. MIFARE sectors securely locked — cards cannot be decrypted, altered, or copied.

Card Sequence Invalidation

Newly issued card automatically voids the previous one on first use. No manual deactivation required at checkout.

Privacy Double-Lock

Thumb-turn from inside activates double-lock mode. Neither sub-master nor master cards can open the door until checkout time.

Anti-Panic Mechanism

Inside lever handle unlocks the door immediately without requiring thumb-turn operation. Guests exit freely at all times.

18-Month Battery Life

4 AA alkaline batteries with approximately 18 months of operation at 10 uses per day. No wiring or power infrastructure required.



DIMENSIONS & SPECIFICATIONS

Reader Thickness	4mm flat embedded
Card Technology	MIFARE 1K / 4K
Card Detection Distance	Approx. 22–30mm
Backset	70mm
Door Thickness	36–51mm (steel doors only)
Power Supply	4 AA alkaline batteries
Battery Life	Approx. 18 months (10 uses/day)
Operating Temperature	0°C to 40°C
Operating Humidity	35–80% RH
Log Capacity	Last 600 transactions + 100 error incidents
Finishes	Satin Stainless, Polished Stainless, Satin Brass, Matt Black
Lever Handle Options	Types 17, 19, 50–59, 64, 66–69, 74, 346, 373, 420, 476
Applicable Cylinder	U9



HC Smart Digital Card

RFID card mortise lock — up to 49 user cards, 3 operating modes, no app required.

PRODUCT FEATURES

Card-Only Access

No fingerprint sensor, no keypad, no smartphone required. Contactless RFID card swipe — fast and straightforward for multi-user environments.

Up to 49 User Cards

One management card controls up to 49 individual user cards. Ideal for offices, co-working spaces, or facilities requiring credential rotation.

Two-Tier Card Hierarchy

Management card (white) controls all programming and can unlock/lock at any time. User cards (brown) are authorised for daily access only. Clear hierarchy with no overlap.

Three Operating Modes

Manual-Lock, Auto-Lock (6 seconds), and Public Locker mode selectable via management card + MODE button. Public mode auto-deletes user card after door is opened — ready for next user immediately.

Flat Panel Reader

Compact rectangular outdoor unit with card swipe zone and two control buttons. Minimal profile on the door face.

Emergency Override

Hidden star-shaped allen key access behind the removable front cover. No lockout risk even with total battery failure or lost management card.



DIMENSIONS & SPECIFICATIONS

Working Current	180 – 280 mA
Working Voltage	4.5V (3 × AAA alkaline)
Working Temperature	0°C – 40°C
Working Humidity	20% – 80% RH
Management Card	1 per lock (white card)
User Card Capacity	Up to 49 (brown card)
Card Technology	RFID contactless (proximity)
Latch Direction	Right Hand factory preset; reversible on-site
Door Type	Single swing
Lock Body Finish	Satin Nickel
Reader Panel	Flat rectangular outdoor unit
Battery	3 × AAA alkaline (not included)
Emergency Access	Star allen key (hidden keyhole)
Max Input Voltage	6.5V





HC Smart Digital Fingerprint

Biometric mortise lock with external puck sensor — 3 operating modes, no card, no app required.



PRODUCT FEATURES

Fingerprint-Only Access

No keypad, no RFID card, no smartphone required. A single biometric credential — clean and minimal.

Three Operating Modes

Manual-Lock, Auto-Lock, and Public Locker mode selectable by button. Auto-Lock secures the door after 6 seconds. Public Locker mode auto-deletes the user fingerprint after each use — ideal for gym lockers and shared storage.

Separated Sensor Design

Fingerprint reader is a standalone puck that mounts on the door face, connected to the mortise body via cable. Compatible with flush door designs where a protruding keypad is not acceptable.

Manager and User Tiers

Up to 10 manager fingerprints and 10 user fingerprints (Auto/Manual mode). Manager controls all enrolment, deletion, and mode configuration.

Emergency Override

Hidden star-shaped allen key access behind the removable front cover. No lockout risk even with total battery failure.

Reversible Latch

Factory preset Right Hand. Latch direction reversible on-site by removing and rotating the latch bolt 180 degrees — no specialist tools required.

DIMENSIONS & SPECIFICATIONS

Working Current	180 – 280 mA
Working Voltage	4.5V (3 × AAA alkaline)
Working Temperature	0°C – 40°C
Working Humidity	20% – 80% RH
Manager Fingerprints	Up to 10
User Fingerprints	Up to 10 (Auto/Manual) 1 only (Public Locker mode)
Latch Direction	Right Hand (factory preset) Reversible on-site
Door Type	Single swing
Lock Body Finish	Satin Nickel
Sensor Type	External puck, optical
Sensor Diameter	Approx. Ø50mm
Battery	3 × AAA alkaline (not included)
Emergency Access	Star allen key (hidden keyhole)
Max Input Voltage	6V





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