



Attendance Access Control Terminal **HF-PA15**

Facial recognition palm vein recognition attendance access control terminal



Face



Palm Vein



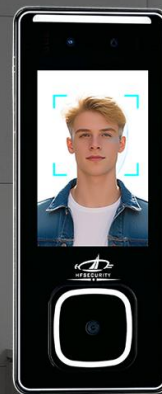
Attendance Management



Access Control



Wide Pose Angle Acceptance



HF-PA15

HF-PA15 is a smart access control terminal integrates leading facial recognition, palm vein recognition, and card verification technologies. It supports multiple identification methods, including combined facial/palm vein/card verification. It also features large storage capacity and high-speed verification capabilities.

The PA15 utilizes contactless biometric recognition (facial and palm vein) to effectively eliminate hygiene risks. Built-in advanced facial and palm vein anti-counterfeiting algorithms effectively protect against nearly all types of photo and video forgery attacks. Notably, its high-precision palm vein recognition delivers exceptionally fast authentication speeds, achieving authentication in single seconds, and supports both cloud-based and local comparison.

With a variety of Wiegand interfaces, the PA15 provides a secure, efficient, and convenient smart access control management experience.

Features

★Contactless Face & Palm Recognition:

- Secures identity verification using ambient light, eliminating physical contact.

★Enhanced Hygiene in Biometrics:

- Promotes health safety by removing the need for touch-based authentication.

★Intelligent Anti-Spoofing:

- Robustly defends against sophisticated forgery attempts, including:
 - Photo Spoofing: Laser-printed, color, and black-and-white images.
 - Video Replay Attacks: Pre-recorded video presentations.
 - 3D Imitation: High-fidelity masks.

★Standard NFC Card Compatibility:

- Supports 13.56MHz IC card authentication.

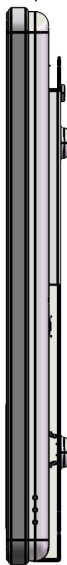
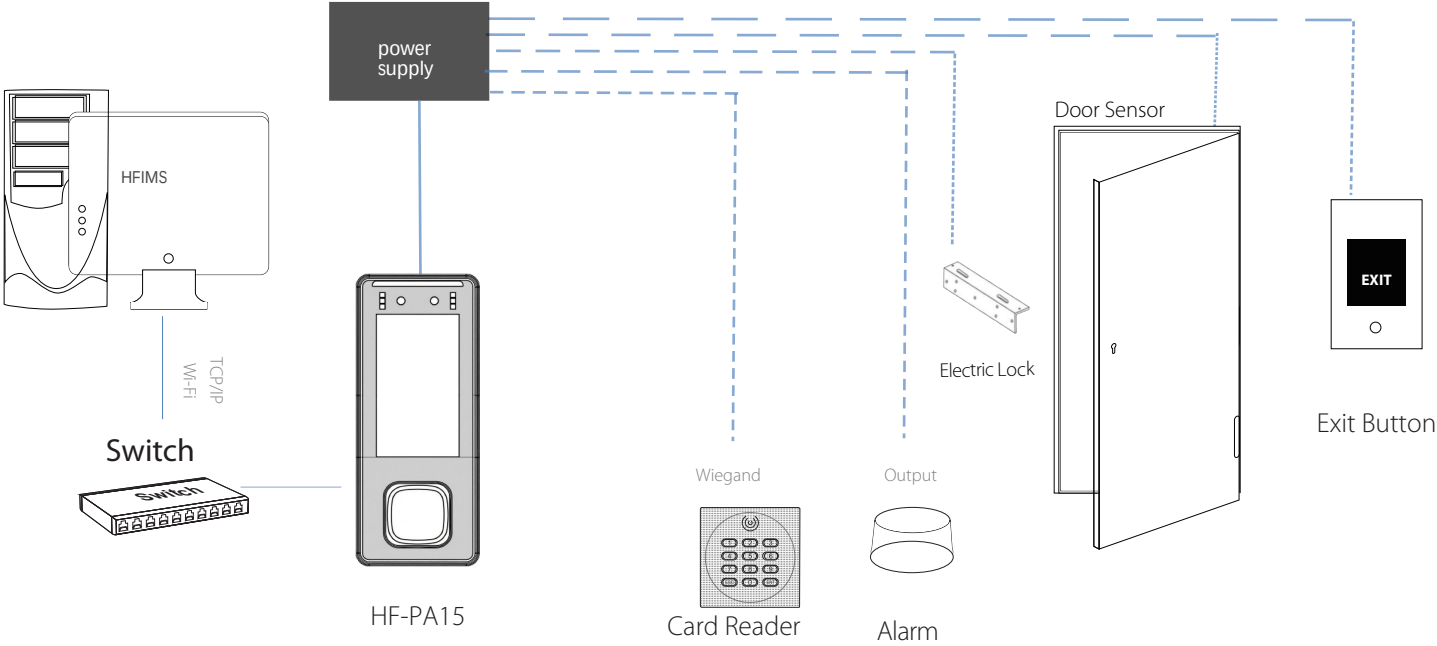
★Smart Palm Recognition Module:

- Adaptive Performance: Operates reliably under diverse lighting conditions.
- Guided Recognition: Integrated multi-color LED indicators provide visual cues for seamless palm enrollment.

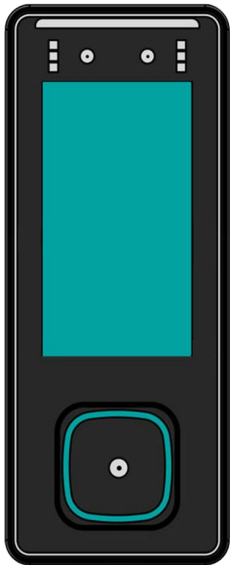
Specifications

Model	HF-PA15
Display	5" IPS Touch Screen (800*1280)
Camera	Face: 2MP; Plam Vein Camera: RGB/IR
Operation System	Android 11
Hardware	CPU: Quad Core 2.0Ghz RAM: 2G; ROM: 32G
Palm Vein Visual Indicator	Blue light: verification successful; White light: auxiliary fill light; Purple light: registration; Yellow light: verification failed;
Authentication Method	Face / Palm Vein/ Card
Face Template Capacity	50,000 (1:N)
Palm VeinTemplate Capacity	20,000 (1:N) for local
	Support half a million 1/2/..5 million, depends on server capacity
Card Capacity	50,000 (1:N)
Biometric Authentication Speed	less than 1 sec (Facial Authentication) less than 1 sec (Palm Vein Authentication)
Touchless Biometric Authentication Distance	0.5m to 4m (Facial Authentication) 5cm to 15cm (Palm Vein Authentication)
Card Type	IC Card@13.56 MHz
Power Supply	12V DC
Operating Temperature	10°C to 45°C
Operating Humidity	10% to 90% RH (Non-condensing)
Communication	Wi-Fi (IEEE 802.1 a/b/g/n/ac) @2.4GHz ; 5GHz;TCP/IP Wiegand 26/34, Relay out(NC, NO ,COM)RS232,Bluetooth,
Dimensions	226.50*17.3*91mm
Gross Weight	2 Kg
Net Weight	0.6 Kg
Supported Software	HFIMS Cloud Software
Installation	Wall-mount

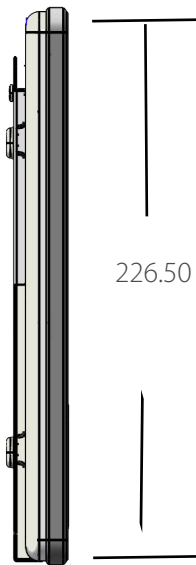
Configuration



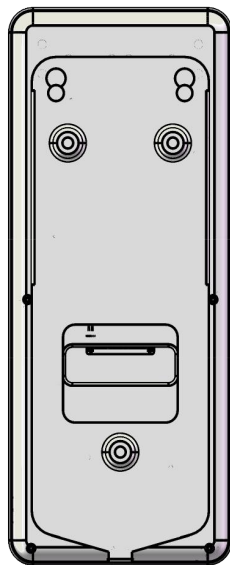
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Head-quarter: Chongqing Huifan Technology Co., Ltd.

◆ D-13, Dongli International Building Longtousi, Yubei District, Chongqing, China.

Branch: Shenzhen BIO Technology Co., Ltd.

◆ Room 301-305, No.32, Jianlong Industrial Zone, Yuanshan, Longgang District, Shenzhen, China.

@ Info@hfctv.com

Huifan Technology Co., Ltd

f Huifan Technology

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