

WEBICS WALL

A perfect multi-factor authentication entry/exit terminal in the non-contact era



Proprietary palm vein authentication algorithm



Block cross-infection by contactless authentication



4 types of multi-authentication: Palm vein, Keypad, RFID, QR-Code



Fast vein authentication in less than 1 second

Product Overview & Features

Product Overview

- It is the highest performance security system using the advanced biometric technology, the palm vein.
- By connecting to the existing home network system, you can conveniently use video, audio, and doorbells
- It is a state-of-the-art system that includes keypad, user registration, user management, home network and video/interphone calls all in one touch panel.

Product Features



01. Independent management system

Independent user registration and management is possible without an additional network connection.



02. Easy compatibility

It is designed to be easily compatible with the existing home network system, so it can be connected well with any product.



03. Safe and hygienic use of palm veins

High level of security with FAR 1/100,000 and palm vein authentication with almost no misidentification rate are used.



04. Fast authentication time

HN Security's unique vein authentication recognition algorithm is applied to enable fast authentication within 1 second.



05. Encryption conforming to international standards

The vein data is stored using AES256, a symmetric key method established by the National Institute of Standards and Technology (NIST). Since the original vein image cannot be extracted from the stored data, it cannot be stolen even if it is leaked



06. 4 types of multi-authentication: Palm vein, Keypad, RFID, QR-Code

WEBICS Wall is a state-of-the-art access authentication system that can use all of palm vein, numeric keypad, RFID, and QR-Code.



Product Specification

CPU	Cortex-A53 64-bit SoC 1.4GHz	Dimensions	160 (W) X 45 (D) X 320 (H) mm
RAM	1GB SDRAM	Weight	1.17 kg / 2.57 lb
Color	Black, Gold	Communications	100Mbit Ethernet, Wiegand out
Operation Mode	Palm vein, Keypad, RFID 13.56Mhz, QR Code	Input / Output	Door status in, Relay, RS485, Wiegand
Biometric Recognitions	Palm Vein	External Interface	USB 2.0
Recognition Distance	35 ~ 76mm / 1.4 ~ 3.0in	Power	12V DC / 3A
FAR/FRR of Algorithm	0.000001/0.01	Languages	Korean, English
Capacity	500 palms	Operating Temperature	0 ~ 60 / 32 ~ 140°C/°F
Encryption	AES 256	Operating Humidity	5% to 80%
Built in RFID reader	RFID 13.56Mhz, ISO14443A/B, NFC	Housing Materials	Flame retardant ABS, Poly Carbonate, PP
Speak Out	Sound effect	Management SW	WEBICS ADMIN

CONTACT US

AMS, Inc.

+1 (619) 661-5985 ams@ams-fa.com

10030 Via de la Amistad, San Diego, CA 92154

www.ams-fa.com