

WEBICS PALM

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



Proprietary palm vein
authentication algorithm



Block cross-infection by
contactless authentication



Fast vein authentication
in less than 1 second

Product Overview & Features

Product Overview

- WEBICS PALM is a perfect and safe access authentication device using palm vein recognition and RFID card recognition
- By applying the state-of-the-art palm vein recognition technology to the WEBICS security solution, the misidentification rate has been minimized, and the user can easily use it through simple authentication. (FAR:1/100,000)

Product Features



01. STAND ALONE SYSTEM

Even in case that either there is a problem with the server or the connection is lost due to a network problem, a STAND ALONE SYSTEM that can operate the device solely has been applied.



02. Prevention of cross-infection through non-contact

Since it is a 100% contactless method, there is no risk of cross-infection even if multiple users use it and fast recognition is possible even in wet or dry palms with no problem



03. Optimal angle search for authentication

By using the optimal angle when using veins to authenticate access, it is designed to allow users to enter and exit quickly and conveniently.



04. Fast authentication time

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



05. Intuitive UI

The LED lamps located on the left and right provide an intuitive UI that changes to different colors according to various situations such as power, authentication, rejection, registration, and security settings.



06. Basically equipped with RFID reader

It is applicable to all devices connected by real cards and NFC.



Product Specification

CPU	Cortex-A53 64-bit SoC 1.4GHz	Dimensions	120(W) x 152(D) x 112(H)mm
RAM	1GB SDRAM	Weight	0.6 kg / 1.3 lb
Color	Black	Communications	100Mbit Ethernet, Wiegand out
Operation Mode	Palm Vein and RFID	Input / Output	Relay, RS485, Wiegand
Biometric Recognitions	Palm Vein	Event Log Capacity	1,000,000 events
Recognition Distance	35 ~ 76mm / 1.4 ~ 3.0in	Power	12V DC / 3A
FAR/FRR of Algorithm	0.000001/0.01	Languages	None
Capacity	500 palms	Operating Temperature	0 ~ 60 / 32 ~ 140°C/°F
Encryption	AES 256	Housing Materials	Flame retardant ABS, Poly Carbonate, PP
Built in RFID reader	RFID 13.56Mhz, ISO14443A/B, NFC	Management SW	WEBICS ADMIN
Speak Out	Sound effect	Mounting	Default wall mounting bracket

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