NUVEQ
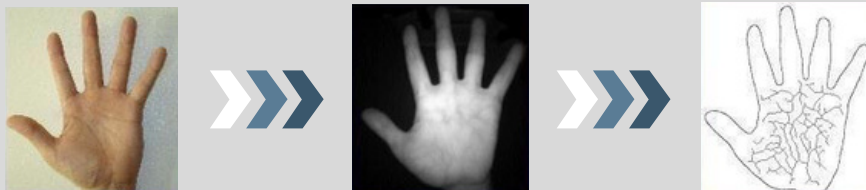
PALM VEIN RECOGNITION TERMINAL

EP-1000PV

Non-contact Identification I Liveness Detection
Extremely Anti-interference

CLOUD-BASED ACCESS CONTROL SYSTEM | MOBILE ACCESS

UNIQUENESS OF IDENTIFICATION CHARACTERISTICS

Individual palm vein patterns are unique

THE FUTURE OF BIOMETRIC ACCESS CONTROL

Palm Vein Recognition Terminal is a biometric identification terminal based on Linux operating system launched by our company. It uses infrared imaging technology and integrates visual and optical technology to obtain the palm vein image accurately. It is equipped with a self-developed AI recognition algorithm to achieve high-security biometric identification. This terminal has many significant advantages such as extremely high security, non-contact identification,liveness detection,backlight recognition and strong anti-interference ability. It can be Can be wall-mounted or desktop-mounted and integrated into other systems such as access control, gates, and self-service terminals.It is widely used in communities, buildings, customs, border defense, ports and other places where personnel access is controlled.

CORE TECHNOLOGIES

High-speed Authentication
Recognition Speed <0.5s

All-angles Recognition
360° full-angle recognition

Recognizable with Offset
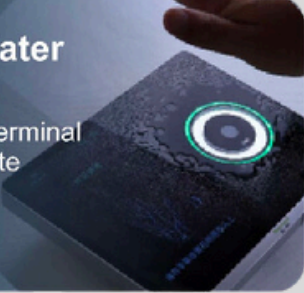The palm can still be identified if it is offset by ±30°

Normal Recognition of Wet Hands
Not afraid of wet hands

Recognizable in Water Mist Environment
Normal recognition when terminal camera is in water mist state

Backlight Recognition
Not afraid of strong light and backlight, instant recognition

Uniqueness of Identification Characteristics
Individual palm vein patterns are unique

Authentication Security is Extremely High
Biometric identification technology based on the blood vessel network inside the palm effectively protects user privacy

NUVEQ.NET

CE RoHS COMPLIANT

TECHNICAL DETAILS

EP-1000PV

MODEL NO

EP-1000PV

RATED VOLTAGE

Voltage DC12V, 2A

OPERATING SYSTEM

Linux

DEVICE SCREEN

7-inch High-definition Touch Screen

SCREEN RESOLUTION

1280*800 Resolution; 800:1 Contrast Ratio

EQUIPMENT LIBRARY CAPACITY

Palm Vein/IC Card/ Password 10000 Each

PALM VEIN RECOGNITION ACCURACY

FAR < 0.0001%, FRR < 0.4%

EXTERNAL COMMUNICATION

LAN, RS232, Relay Output, Weigand

WORKING TEMPERATURE

35° C ~ + 80° C

RELATIVE HUMIDITY

95% RH

PROTECTION LEVEL

IP55

DIMENSIONS

W 221.4 × H 181.4 × D 25.8 mm