

Identification System for Physical Access and Time/Attendance

IDLink PalmVein Access Control (Version 2)

About IDLink Systems

Founded in 2002, IDLink Systems is a manufacturer and leading provider of identification solutions. It specializes in contact-less biometric authentication technologies such as Palm Vein and 3D Facial Recognition.

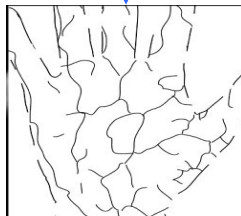
IDLink also provides a web-based administration platform to manage multi-modal identification devices and to administer user enrolment processes.

IDLink Systems operates out of Singapore with investment funding from the Economic Development Board of Singapore as well as private investors.

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Utilizing the latest vascular technology from Fujitsu, IDLink Palm Access is one of the most advanced biometric identification system based on contact-less palm vein. It makes use of a special characteristic of the reduced hemoglobin coursing through the palm veins—it absorbs near-infrared light, making it possible to take a snapshot of what is beneath the outer skin.

Unlike fingerprint, iris or hand geometry, palm vein is difficult to forge because IDLink Palm Access takes the images of vein patterns inside the palm. It is also more hygienic and less intrusive to use due to its contact-less nature. Palm vein also has one of the lowest false acceptance rates (FAR) and false rejection rates (FRR).

First commercially introduced in Japan in July 2004, the contact-less palm vein authentication technology has been adopted by major Japanese financial institutions, universities, libraries, governmental organizations, and private enterprises. The technology won the *Wall Street Journal 2005 Technology Innovation Award in the Security (Network) category* and the *2006 International Consumer Electronics Show (CES), "Best of Innovations" Award for Biometrics*.



USB Enrollment Kit to Register PalmVein



Features

- ▶ Supports 1:1 and 1:N matching
- ▶ Operates in network mode
- ▶ Web-based administration using IDCube Web Admin Suite including user profile management, transaction management, remote management and reports management
- ▶ Role-based administration
- ▶ User-defined profile groups and time zones
- ▶ Supports 2 palms per user including alarm palm
- ▶ Standard 26-bit Wiegand protocol or higher
- ▶ TCP/IP communication interface
- ▶ Optional embedded reader for access cards
- ▶ Can connect to third party controller or access card systems via Wiegand protocol

Description	Specifications
Sensor	Fujitsu PalmSecure Sensor
Matching type	1-1 verification or 1-N identification
Enrolment time	5 seconds
Verification time	2 second
False Acceptance Rate (FAR)	0.00008%
False Rejection Rate (FRR)	0.01%
ID number	From 1 to 10 digits
Number of user templates	4,000 (expandable to 50,000)
Number of transactions	50,000 (expandable to 500,000)
Communications	TCP/IP
Wiegand protocol	Standard 26-bit or higher(customizable)
Controller (external)	4 inputs and 4 outputs(Optional)
Dimensions	175mm (W) x 145mm (H) x 40mm (D)
Weight	1 kg
Power	12V DC at 3 amp