



With the latest vascular technology from Fujitsu, IDLink Palm Access is one of the most advanced biometric identification systems based on contactless palm vein. It makes use of a special characteristic of the reduced haemoglobin coursing through the palm veins where 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 as IDLink reader takes the images of vein patterns inside the palm. It is more hygienic and less intrusive to use due to its contactless nature.

First commercially introduced in Japan in July 2004, the 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.**

## **INNOVATIVE PALM VEIN READER**

- **First Introduced in Japan**
- **Reliable and Secure**
- **Contactless and Hygienic**
- **One of the Lowest FAR and FRR**

# INNOVATIVE **PALM VEIN** READER

## Features

- ▶ Supports 1:1 and 1:N matching
- ▶ Operates on 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	198mm (W) x 150mm (H) x 120mm (D) - With Guide 198mm (W) x 150mm (H) x 70mm (D) - Without Guide
Weight	1 Kg
Power	12V DC at 3 Amp



USB Enrollment Kit to Register Palm Vein

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