

Aervision Technologies

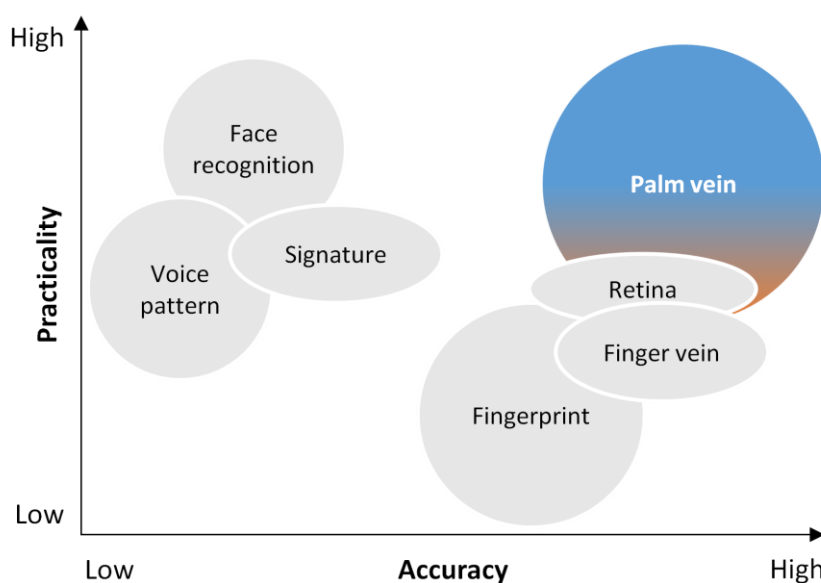
AerPalm Wave

AerPalm Wave is biometrics identification at its best. It uses Fujitsu's Palm Vein Scanner for identification purpose with tens of immediate applications. AerPalm Wave is touchless and extremely accurate. It is as simple of waving your hand against a scanner the same way one uses a proxy card except without a card!

This cutting edge technology is a palm vein based strong authentication solution that utilises industry-leading vascular pattern biometric technology. This offers a highly reliable, contactless biometric authentication solution that is non-intrusive and easy to use. The scanner uses near-infrared light to capture a person's palm vein pattern, generating a unique biometric template that is matched against pre-registered user palm vein patterns. The palm vein device can only recognise the pattern if the blood is actively flowing within the individual's veins, which means that forgery is virtually impossible. This advanced, vascular pattern recognition technology provides highly reliable authentication. The false accept rate is just 0.00000008 percent with an exceptional false reject rate of 0.01 percent, all in a small form factor that generates extremely fast authentication, under third of a second.

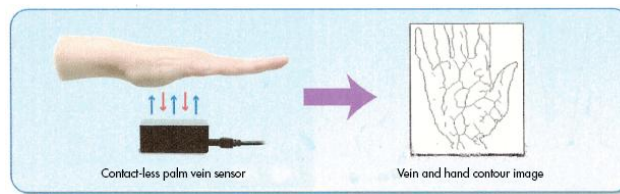
Features:


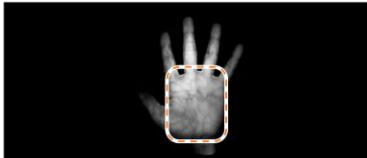

- Advanced biometric authentication algorithm delivers ultra-low FAR (false accept rate) and FRR (false reject rate)
- Contactless palm vein authentication is hygienic and noninvasive - No Residual Trace Technology
- Encrypted repository for template storage & enterprise level event logging capability
- Fast and easy registration with virtually no enrolment error.



Product Brief

An innovative Solution



High Safety & Permanence – advantage of veins 1	High Accuracy – advantage of a palm over a finger 2	High Acceptance 3
<ul style="list-style-type: none">Hidden under the skin - forgery difficultUnique even among any individuals or identical twinsNever changes – same throughout lifeDetectable only when blood is flowing 	<ul style="list-style-type: none">Palm vein patterns are complex > 5 million reference pointsPalm contains thicker veins than fingers – easier to identifyPalm veins are not sensitive against environment (cold temperature, creamy hands, skin scratches) 	<ul style="list-style-type: none">Very hygienic due to no-contact operationVery easy and intuitive to useBiometric pattern hidden inside the body (privacy) 

Applications

Typical applications are:

- Authentication token for online transaction for banks
- Physical access control
- Logical access control (login to applications and websites)
- Retail POS systems
- Self Service Kiosks
- Time and attendance management systems
- Visitor ID management

To book a demonstration, obtain a brochure or receive more information about this product please contact us.

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