

Finger **Vein** ID

Hitachi's Biometric Solution



Your invisible key that you cannot lose or forget and no one can copy or steal.

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Finger vein technology works by illuminating the finger with infrared light revealing the vein pattern inside one's finger to identify and/or verify the identity of the person. When one's finger is placed over the finger vein reader, the vein pattern of the finger is scanned and matched with a pre-registered vein pattern profile to identify and/or verify an individual. Unlike fingerprints and other forms of biometrics where the biological information being scanned is on the OUTSIDE of the body; Hitachi's finger vein reader scans the information INSIDE the body. You no longer have to fear having your template duplicated from a glass or a photograph.

Hitachi's Finger Vein Reader allows you to deploy a very high level security biometric solution without the criminal stigma of fingerprints upsetting your employees or creating apprehension to your customers.

Item	Device and Module Specifications
Interface	USB ¹ (Module RS-232C)
Operating System	Windows NT 4.0/2K/XP/ other ²
Dimension (WxDxH)	75 x 157.5 x 48.4 (mm) (Module 69 x 85 x 43 (mm))
Template Storage	Internal Flash memory / External storage (e.g. server)
Authentication method	1:1 matching / 1:N matching (N up to 1000)
False Reject Rate	Less than 0.01%
False Acceptance Rate	Less than 0.0001% (tested value 0.00002%)
Weight	Approx. 0.3kg (Module Approx. 0.1kg)
Operating Temperature Environment	5-35 °C (Module 5-45 °C) Degrees Celsius Direct sunlight must be avoided
Power	AC100-240V with provided power adaptor (Module DC12V, power adaptor not provided)
	1 - USB only supported by Windows 2K/XP 2 - In case of using non-Windows OS, please consult with us

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