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Finger Vein Reader For Varying Industry Conditions

Finger Vein Reader is the ultimate finger vein authentication technology for maximum security in any vertical

Finger Vein Reader, M2-FV is very unique, stable, and distinct finger vein hardware and revolutionized biometric finger vein authentication technology. It is difficult to replicate finger vein patterns which make it difficult to forge ensuring maximum security in businesses as well as consumer sector.



Finger Vein authentication is a quick, non-invasive means of making sure people really are who they claim to be. The M2SYS **Finger Vein** authentication system captures images of the vein patterns inside your finger. These, like other biometric patterns are unique. In addition, because they are inside your body, finger vein patterns are virtually impossible to replicate.

Finger Vein authentication works by passing near-infrared light through the finger. This is partially absorbed by the hemoglobin in the veins, allowing an image to be recorded on a CCD camera within the **finger vein reader**. Finger Vein authentication is extremely robust, demonstrating a unique ability to easily cope with sweaty, dry, or aged fingers. The finger vein reader is surprisingly inexpensive, making it a viable choice for biometric identification projects of any size, across all markets.

The process is remarkably accurate - in a 1:1 comparison there's only a 0.0001% chance of someone passing off their vein patterns as yours. And ofcourse, for additional security, you can always record the vein patterns in more than one finger. Coupled with our innovative [Bio-Plugin](#) , [Bio-SnapON](#) , or [Bio-Tracker](#) software, the Hitachi **finger vein reader** from M2SYS is hard to refuse.

Specifications

Media

Item	Specifications
Capture System	Infrared LED + Camera
Interface	USB 2.0
Dimensions	59 (W) x 82 (D) x 74 (H) mm
Weight	96g
Environmental Conditions Ambient Temperature Humidity	5 - 35 deg. C 20 - 80% (No Condensation)
Power	DC5V +/-5% <500mA (Power from USB bus)
USB Cable	1.8m

:: Sales Center

Sales Representative

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:: M2-FV Finger Vein Reader Benefits

- > High accuracy with direct light resistant design and upper Encrypted Data Transfer on USB
- > Extremely low failure to enroll (FTE)
- > Versatile unit and compact design for better operability
- > High tolerance of skin surface problems, eg. Roughness, moisture, dirt. (Low FRR)
- > Minimal physical contact with reader
- > No privacy issues
- > More affordable than other finger vein readers in the same category