Two Technologies, Inc.®

Hand Held Computers • Your Way • Since 1987

Rugged Mobile Infrared Palm Vein Reader



WHY PALM VEIN READERS?

This touchless authentication system leverages the unique patterns of veins in a user's palm to deliver advanced security.

External factors like cuts, dirt, and moisture do not affect the scanning process. Palm vein scanners are simple to operate, requiring users to hover their hands over the scanner for quick verification.



- **Unforgeable:** Vein patterns are internal, making them harder to steal or replicate than fingerprints
- **High Accuracy:** Very low false-positive rates
- **Hygienic:** Contactless, as users do not need to touch the sensor

APPLICATIONS

- Healthcare Patient Identity and Verification
- Emergency Response Attendance
- Point of Sale
- Time and Attendance Tracking
- Touchless check-ins, VIP access, or ticketless entry at venues
- Gate Access Control

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HARDWARE - XF

Infrared Palm Vein Reader

- Uses visible light and near-infrared light dual-cameras to capture palm images for high accuracy biometric recognition
- Adjusts to wide range of lighting conditions
- Provides a wide field of view, enhancing user experience
- Liveness assessment



Optional Integrated Wristband Printing

The XF's direct thermal printer produces 1" x 11" tamper-evident, waterproof Mylar® wristbands.

- **High-Visibility Tiers:** Automated scaling of bold fonts for instant status recognition (e.g., Subject to fall, Allergy, Liquids Only).
- **Colored Wristbands:** Enables employees to easily identify age, access level, or VIP status
- **Dynamic Visual Security:** Supports high-contrast monochrome images and photos
- **Encrypted Data Linking:** Generates unique barcodes that store guest profiles, enables cashless payments, and enforces time-gated access

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