Warwick PalmReader 2000

Latest Biometric technology

Warwick PalmReader uses the latest biometric technology to scan the user's palm creating a unique coded reference of the branching pattern of veins.

Maximum Accuracy and Security

The sensor scans with high identification accuracy: a false acceptance rate(1) of less than 0.00008% and a false rejection rate(2) of 0.01%. The information from the scan is then converted to numerical code which can be encrypted and stored within a database.

10 times more accurate than fingerprint reader

Palm veins are inside the body, thereby making them difficult to forge. Furthermore, compared to veins in fingers, palm vein patterns are far more intricate and stable.

Hygienic handling

In use, the PalmReader is hygienic since the scanning of the palm vein pattern is completed in mid-air without the need for the user's palm to touch a surface (therefore minimizing psychological resistance to its use on the grounds of hygiene).
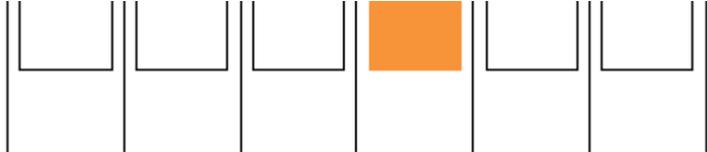
Robust Performance

Warwick PalmReader is highly applicable across all types of users. The scan is unaffected bt external factors, such as dirt, grease or sweat. Hands can even be cut or peeling skin and the sensor will still be able to read the palm.

Superior Reliability

Warwick PalmReader is built with double-layer watchdog architecture to achieve the highest level of business continuity, suitable in almost all environments.

Specifications

Display	LCD 2x16 characters (back-lit)
Keypad	4x3 Numeric Keypad
Communication	TCP Socket Interface
Networking	10/100/1000 Ethernet
Non-Volatile Storage	8GB Solid State Flash Disk
No. of Enrollments	100 (Upgradable to 4,000)
Transactions Storage	1,000,000 Records
False Acceptance Rate	0.00008 % (Better than 1 in 1,250,000)
False Rejection Rate	0.01 % (Better than 1 in 10,000)
Power Consumption	12 Vdc – 15 watts
Self-Monitoring Watchdog System	Yes (Hardware and Software)
System Date / Time	Auto synchronisation of date/time and daylight saving changes through network/Internet
Others	Voice / Speech Guided Feature Embedded Web Admin / Reports
Dimensions	290mm(L) x 210mm(H) x 115mm(D) 11.5"(L) x 8.3"(H) x 4.5"(D)
Weight	1.4 kg – 1.6 kg 3.08 lbs. - 3.52 lbs. (Inclusive of AC Power Adapter)

Optional Accessories

Power Backup	Internal Li-Ion Battery (1-hour)
Networking	Wireless WiFi Networking
Relay Control	Door Access / Bell
RFID Card Reader	MiFare / EM4100