

# Allday PalmReader 1000



- **Latest Biometric technology**

Allday 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 a fingerprint reader**

Palm veins are inside the body, thereby making them difficult to forge. Furthermore, compared to veins in fingers, palm vein patterns are 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 minimising psychological resistance to its use on the grounds of hygiene).

- **Robust performance**

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



## Specification

Display	LCD 2x16 characters with back light
Keypad	4 x 3 Numeric
Communication protocol	TCP Socket Interface
Networking Port	10/100 Mbps Ethernet
Additional communication options	WIFI Bluetooth
Non-volatile storage	4GB Solid State Flash Disk (Upgradeable to 8GB)
Number of enrollments	> 1000
Transaction storage	> 1,000,000
False acceptance rate	Better than 1 in 1,250,000
False rejection rate	Better than 1 in 10,000
Auto shutdown when battery is depleted	Yes (12v NiMH 1 hour backup battery is optional)
Auto start when power is restored	Yes
WatchDog self-monitoring system	Yes, Hardware and Software
Time synchronisation and daylight saving	Synchronisation through network/internet and auto daylight saving changes
Relay control port	Yes, door access or bell ringing
Maximum dimensions	L - 290mm H - 210mm D - 115mm
Weight	1.4kg – 1.6kg (inc AC PSU)



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