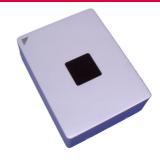# Palm Vein Reader

A stylish and fully featured biometric reader from TDSi utilising PalmSecure™ the very latest in innovative biometric technology from Fujitsu. The Palm Vein Access reader offers unprecedented levels of security without the traditional concerns and problems associated with other biometric technologies. Notably there is no requirement to physically touch the reader making this particularly suitable for healthcare applications where hygiene is of paramount importance. All of the main industry standard reader interfaces are supported allowing connection to the majority of access control units, making this reader truly universal.

Overview of the Palm Vein Reader

Features	Benefits
• True contact-free biometric technology option	• Removes the need to physically touch the reader overcoming concerns associated with hygiene
• Removable hand guide	• Allows easy cleaning of the product
• Industry standard reader interfaces	• Allows the reader to be connected to the majority of access control panels
• Multiple template storage options	• Caters for all data protection storage requirements
• External reader input	• Allows the reader to be added to an existing access control system without the need to replace other equipment
• Stand-alone mode	• Provides a complete easy-to install and operate solution for access control on a single door
• Status LEDs and integral sounder	• Unambiguous audible and visual indication of reader status and operation
• Tamper switch	• Maximises security by rendering the reader useless in the event of un-authorised removal
• Full diagnostics feature	• Reader continually performs system checks to ensure optimal performance is maintained

PalmGarde

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Palm Vein Reader

Three colour LED indication

Fujitsu PalmSecure™ sensor

Ergonomic removable hand guide

Stylish case

Mounting plate

PalmGarde

Technical Data

Dimensions	143 x 110 x 49 mm 133 x 167 x 102mm (with hand guide fitted)
Weight	600 g
Operating environment	0 °C to +50 °C, 0 to 95 %RH (non-condensing)
Power supply	9 to 24 VDC
Sensor Type	Infrared scanner
Enrolment Time	<5 seconds (based on 2 scans)
Sensor False Reject & Acceptance Rates	FRR <0.01% FAR <0.00008% (when FRR is as stated above)
Sounder	Integral
LEDs	Green and Red (with external control), Amber for reader status
Interfaces	Wiegand (configurable bit lengths), Magnetic Clock & Data (ABA Track 2 Emulation), RS-232, Ethernet port

Ordering Information

Part Number:	Product Description:
5002-0460	PalmGarde Palm Vein Reader

Q05134

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