

Hitachi Finger Vein H1 Unit – Logical Access Reader



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Technical Specifications

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
Software	Windows logon
Maximum Enrollment	Unlimited when using SDK to develop bespoke applications. 100 FV Templates for supplied windows logon client side applications

Advantages

Benefit	Description
High Accuracy	Direct light resistant design Upper Encrypted Data Transfer on USB
Size	Compact and versatile unit
Interoperability	BioAPI & CBEFF (ISO Standards)
Security	Additional Security Functions on API transmissive light source
Verification Speed	Total time to verification : 2.0 sec
Accuracy Statistics	FRR: 0.01%, FAR: 0.0001%, FTEF<0.03% ISO Standard based evaluation (ISO/IEC 19795-1)

