



M2-HAMSTER II FINGERPRINT READER

Live Finger Detection Optical Reader

As fingerprint recognition systems become more widely used in the commercial marketplace, the focus on disrupting the fraudulent use of these systems is of primary importance. The M2-Hamster II from M2SYS utilizes cutting-edge live finger detection technology to eliminate the possibility of forged or fake fingerprints for highly secured authentication environments.

Features and Benefits

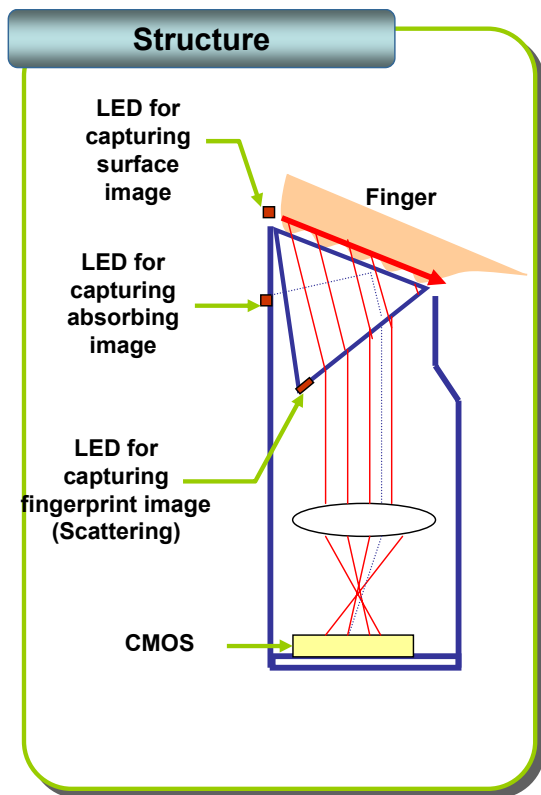
- ➔ Uses innovative technology to analyze fingerprint surface image to distinguish against silicon, gelatin, rubber, and film prints
- ➔ Sleek, ergonomic design ensures consistent image quality
- ➔ Durable frame and non-membrane based sensor surface translates into lower maintenance and longer lifecycle
- ➔ Works well with dry fingers
- ➔ Compatible with M2SYS Bio-Plugin™ and Enterprise Biometrics Suite™

M2SYS™
ACCELERATED BIOMETRICS

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Analysis of Surface Image

- ❖ This is method and apparatus using differences in characteristics of light reflection, transmission and attenuation between authentic fingerprints and forged fingerprints.
- ❖ Patent Pending WO03/056502

Comparison between Scattering and Absorbing method

- ❖ This is method using comparison between the Images acquired scattering and absorbing method
- ❖ Patent Pending PCT/KR2005/003473

M2-Hamster II Technical Specifications

Category	Description
Interface	USB 2.0 (Full / High Speed)
Type	Optical
Size	80mm (L) x 61mm (W) x 47mm (H)
Calibration	N/A (device self-calibrates upon connection with USB port)
Resolution	500 dpi
Power (active)	DC 5 [V]
Operating System	Windows XP, 2000, Me, Server 2003
Warranty	1 year mechanical defect
Weight	60g
Operating Temperature	-5°C ~ +50°C
Certifications	MIC, CE, FCC, WHQL

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