

RD9-02V

ThumbMax-Reader

ThumbMax RD9-02V Fingerprint Reader is designed for efficient and high security access for desktop, notebook and other computing devices, as well as convenience and reliability. Housed in plastic enclosure state-of-the-art live scan sliding sensor and encryption technology, only enrolled fingerprints can access the devices or computers, it is extremely easy for users to integrate the fingerprint authentication without an in-depth knowledge of biometrics. ThumbMax RD9-02V serves as your watchdog of personal computer against any hostile access.

Your fingerprint is your personal access code

Windows Logon

ThumbMax RD9-02V Fingerprint Reader provides individual user its own personal information bank, only the authenticated fingerprints allow to active application and computer. The storage of authenticated fingerprints automatically detects all required fields, such as user name and password, and inserts the provided information. To login Windows, retrieve the system, it only need a simple swipe! The storage of authenticated fingerprints automatically detects all required fields, such as user name and password, and inserts the provided information. It brings security, privacy and convenience to a wide range of computer and Internet applications, e-business transactions, and confirming a user's identity prior to network access.

Fingerprint Management

Use fingerprint to capture ID/PW information associated with convenience and security, and there is no need to memorize and worry about your password leaked out or broken by hackers. After fingerprint identification, your user name and password will be automatically shown on the screen. Users will no longer need to memorize their account IDs and passwords

Data Encryption

Data encryption prevents accidental or corrupt information leakage. When the user wants to encrypt individual files or folders on the hard drive, the user only need to double-click encrypted file or folder, a dialog box will be automatically pop-up and requires fingerprints. It does the same with decryption of file or folder. The user only need to simply swipe authenticated fingerprints, then the file or folder will be encrypted or decrypted automatically. It's a snap! Without either the authenticated fingerprints or master password, the file or folder can not be access. The protection is not only encrypted files, but also protects files from deletion, renaming, duplication, and moving.

Password Replacement

Computer passwords provide a measure of security only as long as they aren't lost, stolen, forgotten, or hacked. Restricting a PC to one or more authorized users strengthens security, and by using ThumbMax-Reader, the users only need to do the enrollment at beginning. After fingerprints are authenticated, users can store dozens of passwords and logins for a specific applications or Web sites directly and easily. The users only need to swipe of the finger or login with a click of the mouse via ThumbMax RD9-01 fingerprint software. ThumbMax-Reader will automatically enter user names and passwords for the authenticated users. The user's fingerprints are now replacing all of the passwords the user currently uses.

Screen Saver Lock

When the "Screen Saver Lock" actives, only authorized person can unlock the Screen Saver or password. The mean function of "Screen Saver Lock" is to disable the keyboard and the mouse. The users can instantly start its screen saver with fingerprint, no need to set waiting time.

Virtual Drive

With user's fingerprint successfully verified, Windows Explorer will show up a virtual disk drive which was created by SecureLock from the available hard drive space of your PC. The function of the virtual hard drive is exactly the same as normal hard drive. Every byte of data stored into this virtual drive is safely encrypted at the moment it is written. And it becomes decrypted only when the fingerprint was successfully verified. The size of virtual hard drive can be adjusted by user.



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ThumbMax RD9-02V Fingerprint Reader



Scanner

Live-scan capturing of 3D-fingerprint minutiae. Effectively detect fingerprints with scar, cut, swelling, and fingers that are too dry or wet. Firmware automatically ignores residual fingerprints. Scratch resistant sensor with standing ESD 15KV.

- | | |
|---------------------|-----------------------------------|
| • Sensor | Semiconductor Sensor , Swipe Type |
| • Resolution | 508 DPI |
| • Field Size | 192 x16 pixels |
| • Gray Level | 13.8mm * 5 mm |
| • Scanner dimension | 256 levels (8 bits/pixel) |
| • ESD | +/- 15kv |

Authentication

Effective fingerprint recognition technology with low power consumption.

- | | |
|-------------------------------|---|
| • False Rejection Rate (FRR) | <1:1000 |
| • False Acceptance Rate (FAR) | <1:1,000,000 |
| • Scanning Speed | 20 cm/second (equivalent to 2.0cm/0.1 second) |
| • Matching Speed | < 1 second |

Interface

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|----------------------|-----------------|
| • Hardware Interface | USB 1.1 |
| • Power Indicator | Power on status |

Environmental & Physical

- | | |
|-------------------------|---|
| • Operating System | Windows 98/ME/2000/XP / Vista supported |
| • Power | USB bus power DC 5V 110 mA |
| • Dimension | 71(H) x 22 (W) x8(D) (mm) |
| • Weight | 11 g |
| • Operating Temperature | 0°C ~ +50°C |
| • Operating Humidity | 20%~80% |

Regulatory

- | | |
|-------|-------------|
| • FCC | FCC Part 15 |
| • CE | EN 55022 |



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