

LoqDrive™ 250 SPR



Secure Personal Storage Device

- **DATA STORAGE SECURITY**
Extremely secure storage of critical data through biometric authentication combined with an advanced electronic lock (i-Loq™) and file encryption.
- **FULL COMPATIBILITY, MOBILITY, and FLEXIBILITY**
A self-contained solution that guarantees full reliability and connectivity to all PC platforms supporting USB. No installation required. Just plug-and-play!
- **COST SAVING**
Reduces IT hardware investments by replacing portable PC's. Increases the capacity and extends the lifetime of existing portable PC's.

Loqware®

LoqDrive™ 250 SPR

PRODUCT INFORMATION

The LoqDrive™ 250 SPR is a portable hard disk drive that uses state of the art fingerprint authentication technology to prevent unauthorized access to its data.

The fingerprint recognition unit is fully self-contained within the LoqDrive enclosure. Therefore, it cannot be compromised by external hacker software or insecure operating systems. When an authorized user has been successfully authenticated, the keys required to access the disk media are passed directly to the disk controller using the i-Loq™ protocol. In that way, they are secured and never exposed.

The LoqDrive is the ultimate solution for the mobile users who require a simple, effective security mechanism for transporting their valuable data. If the LoqDrive is ever lost or stolen, the sensitive data stored on the disk is still protected, denying any unauthorized access.

The LoqDrive may also be used for high-speed transfer of data between a laptop computer and a desktop system or as a secure backup device. For added protection against physical damage, the hard disk drive is encased inside a shell of durable rugged aluminum.

SYSTEM REQUIREMENTS AND TECHNICAL SPECIFICATIONS

Model number	LoqDrive 250 SPR
Hard disk size	10, 30 and 40 GB
Connection	USB 1.1 500 mA
O/S support	Windows 98, Me, 2000, and XP
Fingerprint sensor	Capacitive type
Fingerprint resolution	500 dpi
Power supply	5 volt DC, 5 VA
Operating temperature	+5 °C to +35 °C
Operating humidity	10 % to 80 %
Dimensions	92 x 150 x 43 (w x d x h)mm
Weight	445 grams



FUNCTIONAL OVERVIEW

The LoqDrive hard disk drive is connected to a PC using the USB interface and can be used just like an ordinary hard disk drive. Since the fingerprint system is fully contained inside the LoqDrive, it is not necessary to install any software on the PC for normal operations. Once the drive is unlocked with a fingerprint, it behaves exactly like all other disk drives and may be used with existing applications and encryption software.

Loqware's i-Loq protocol secures the communication between the fingerprint authentication module and the disk controller to prevent interception or replay attacks.

The security is further enhanced by using external applications, such as encryption and access management software. The LoqDrive is also compatible with all virus protection programs, backup utilities, and partition managers.

The LoqDrive comes bundled with a suite of security software. Encryption software enables the user to securely hide and encrypt vital files.

www.loqware.com

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