



RED

RAPID ENCRYPTION DEVICE

Simplicity In Protection

Mindmatics offers the Rapid Encryption Device (RED) as an accessible encryption device that provide a robust and secure network environment. The RED utilizes AES 256-bit that supports various configuration links, point-to-point, point-to-multipoint, or mesh. The proven key management system allows complex topologies to be handled with ease.



Key Features



RED 1 is a combination of a tamper proof device, data encryption, controlled section, and management systems (covering whole data network security environment)



Guaranteed data security with easy-to-manage operations.



The configuration is managed by RedSoft, a powerful and user-friendly management software with a built-in log and status monitoring system.



Technical Specifications

Model

Model Name	RED 1
Speed	1 GB / 0.95 Mb (other variance speed available)

Encryption Technologies

Encryption	AES 256 (other variance available)
Data Link Layer	Level 2 & Level 3
Key	Hardware Tokens
Key Exchange	Automatic in configurable time interval
Latency	Less than 10 μ s

System Management

Software	RedSoft
Management Interface	RJ45, Serial Console, Secure Shell
Monitoring	Build in network status monitoring

Hardware

Operating Temperature	-10°C to 60°C
Humidity	5%-95%
Dimension	220mm×300mm×44mm
Housing	Temper proof
Weight	5kg

Others

Build in Syslog
Temper resistance design
Emergency erase



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