RED 2

Rapid Encryption Device

Simplicity In Protection

RED 2 (Rapid Encryption Device) as an accessible and high-assurance encryption solution designed to deliver a robust and secure network environment. RED utilizes AES 256-bit encryption and supports flexible network configurations, including point-to-point, point-to-multipoint, and mesh architectures. Its proven key management system enables secure and efficient handling of complex network topologies with ease. In addition, RED is ready with Post-Quantum Cryptography (PQC), ensuring future-proof security against emerging quantum threats.

Key Features

- RED 2 is a combination of a tempered proof device, data encryption, controlled section, and management systems (covering whole data network security environment)
- The configuration is managed by RedSoft, a powerful and user-friendly management software with a built-in log and status monitoring system.
- Guaranteed data security with easy-to-manage operations.

Technical Specifications

Specification	
Speed	1 GB / sec
Encryption	AES 256 (other variance available)
Key	Hardware Tokens / Fill Gun
PQC Ready	Yes
Operating Temperature	-10°C to 60°C
Humidity	5% - 95%
Dimension	220 mm×300 mm×44 mm
Housing	Tamper proof
Weight	5 kg

System Management	
Software	RedSoft
Management Interface	USB / Fill Gun with rugged connector
Monitoring	Build in network status monitoring

Others	
Tamper resistance design	Yes
Emergency erase	Yes
Certificate	MYCC Level 2: Pending MYCV Level 2: Pending

