Secure Communications

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Multidomain key loader, that can operate in different operational scenarios (land, sea, air) and security domains NATO, EU and National, and in tactical or strategic scenarios and used to transport and storage user keys in a secure way.

cipherbit
grupo oesía

Decades of experience in classified information encryption and keys management for the defense sector

Maximum security over the complete lifecycle of the keys

Generation → Secure Store and distribution → load → Encrypt

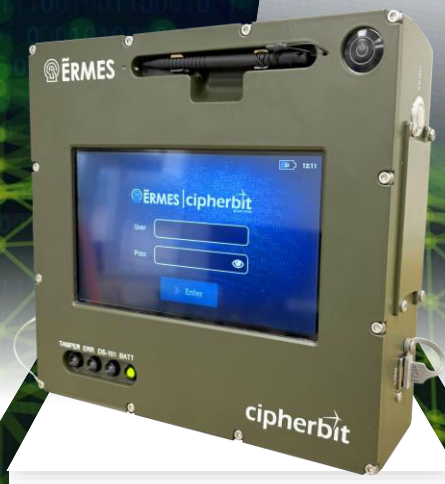
HÉCATE
The Key Maker

GEMA EKM
Cifrado de Equipamiento y Material

ẼRMES

CERBERUS
Cifrador embarcado

CIFPECOM
Cifrador personal de combate



Secure boot through a CIK that selects the security domain (NATO, EU, National)

Designed for protecting information up to SECRET level

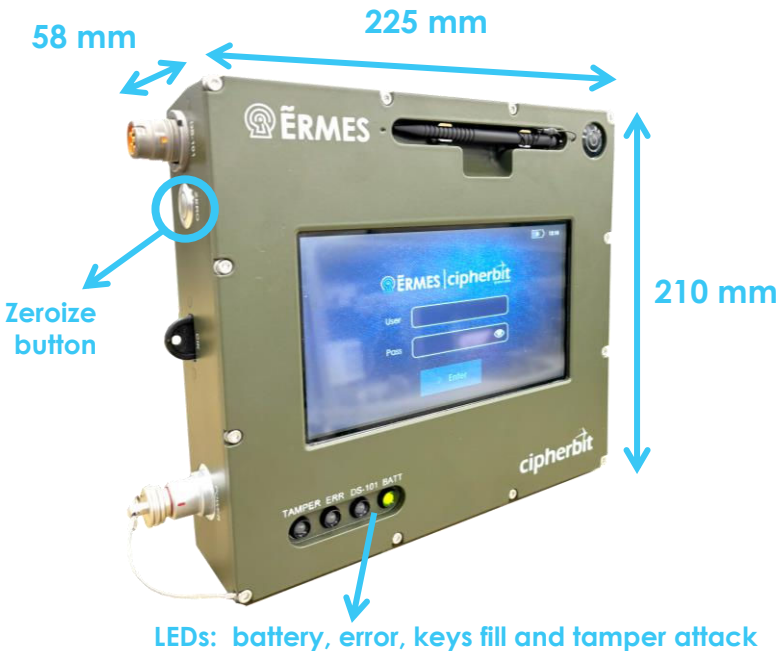
Operated with internal batteries, giving 8 hours of autonomy

Rugged equipment to work in harsh military environments and friendly user interface based on a 7” display

REF: ERM 0225

Specifications:

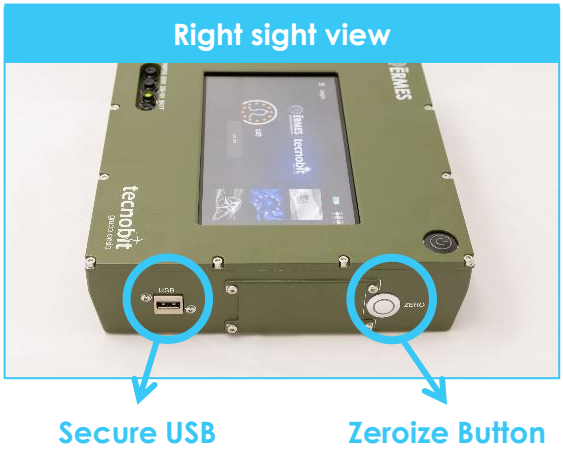
- **Weight:** 2,3 kg
- **DS101** (EKMS308 standard ensuring interoperability with the equipment receiving the keys)
- **CIK** (Crypto Ignition Key) to boot the device
- **LED Indicators**: Battery Status, Error, Key Transmission (DS101) and Tamper
- **Auxiliary Battery** lasting 3 years, that can be exchanged by the user

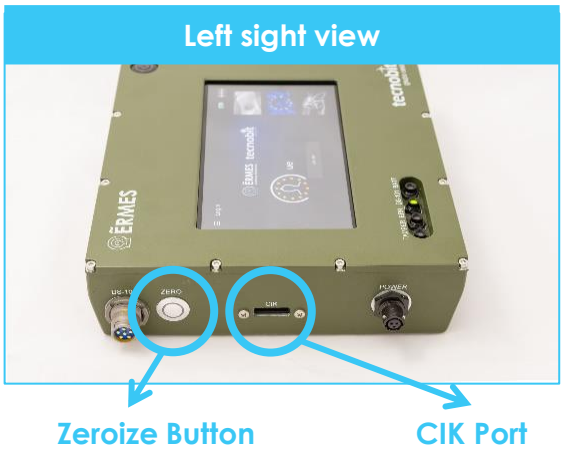


Environmental compliance :

Equipo cualificado según procedimientos:

- MIL-STD 461G - CS118
- MIL-STD 461G – RE102
- MIL-STD 461G – RE103
- MIL-STD-810G Método 501.5
- MIL-STD-810G Método 502.5
- MIL-STD-810G Método 501.5
- MIL-STD-810G Método 502.5
- MIL-STD-810G Método 514.6
- UNE-EN60068-2-6 Ensayo Fc: Vibración (sinusoidal) funcional
- UNE-EN60068-2-6 Ensayo Fc: Vibración (sinusoidal) no funcional
- UNE-EN- 60068-2-29 – Choque funcional
- UNE-EN 60068-2-29 – Choque no funcional





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