Made in Sweden

Mousetrapper®

Mousetrapper Core Protect

Developed for environments with particularly high security requirements – Core Protect is built on the same proven platform as our best-seller Advance 2.0+ and offers the same reliable functionality and ergonomics, but with an additional layer of security to suit organizations where information security is critical.

Benefits of Core Protect

Core Protect is developed in close collaboration with leading organizations operating in classified and sensitive environments, and is tailored to meet their high demands. It is equipped with double encrypted memories and has also had the phrase memory removed, meaning it is not possible to input or store predefined text strings in the device. This creates a strict and controlled configuration environment that meets stringent security requirements.

We have always maintained a strong focus on quality and security across our entire product range, and Core Protect is a specially adapted model for organizations that require an additional layer of security features beyond our already high standard. Like all our Mousetrappers, Core Protect is manufactured in Sweden, ensuring full control over production, quality assurance, and the supply chain. Local manufacturing contributes to enhanced security—both in the product and during transportation. With Core Protect, advanced security, Swedish manufacturing, and our proven ergonomics are combined to deliver a safe, sustainable, and secure work environment, even in the most demanding operations.

The 8 programmable buttons give you multiple ways to customize your Mousetrapper exactly to your preferences.

Facts

- Width: 480 mm
- Height: 20 mm
- Depth: 110 mm
- Weight: 715 g
- Article no.: MT124

Key Features

- Ultra-thin ergonomic design
- Control pad with click and scroll function
- Double encrypted memories and with phrase memory removed to meet the highest security requirements
- 8 programmable buttons that can be easily customized using MT Keys
- Made from recycled plastic
- Replaceable wrist supports that can be kept clean with surface disinfectants
- Adjustable height with foldable friction coating
- 2400 dpi

Technical Security Overview

Core Protect is engineered for deployment in high-assurance environments where strict security controls, minimized attack surface, and deterministic behavior are required. The device architecture is intentionally constrained to eliminate non-essential functionality and reduce exploitable vectors.

Security Architecture

1. Layered Encryption Model: Implements double encrypted memories to protect data integrity and confidentiality across operations.
2. Dedicated Cryptographic Domain: Separate memory secured with independent key (AES-CBC-128).
3. Key Isolation: Unique cryptographic keys per memory segment prevent lateral compromise.

Memory & System Segmentation

1. Firmware and configuration stored in physically/logically separated memory areas where Firmware and configuration are stored.
2. Independent key management per memory block.

Data Handling Policy

1. No Persistent Text Storage: Phrase memory functionality removed entirely.
2. No capability to store, cache, or replay sensitive input.

Compliance & Deployment Context

1. Suitable for classified and regulated environments.
2. Supports strict IT governance and security policies.
3. Designed for defence, avionics, government, and critical infrastructure.
4. The firmware can be upgraded to ensure it remains equally capable over time.