binary data

CSI RESPONDER

CSI Responder utilizes customized hardware and software to initiate target devices in compliance with legality, bypass system or disk encryption, and create high-speed disk images of the target device content using built-in imaging tools, in conjunction with CSI Responder 's high-speed data interface and high-quality storage. Additionally, the customized Windows system includes various common device drivers and computer forensic analysis software, operating system emulation software. Users can also install various forensic software as needed for rapid analysis of the target device.

CSI Responder primarily addresses the following pain points:

- **The increasing prevalence of non-removable storage in laptops / tablets**
- **Growing use of built-in encryption chips (TPM/T2/Apple Silion) for disk encryption**
- **Increasing capacity of hard drives and the limited time available on-site investigation**

Hardware

Storage Interfaces	Dual-channel interface compatible with the latest Thunderbolt 3/4, USB4, featuring built-in 2TB*2 high-performance NVMe SSD
Bootable Drive	The Windows forensic disk includes WinToGo, X64FE, X86FE, ARM64FE. (Default source write blocker) The Mac forensic disk includes MacOS 15.6 boot system and X-ImagerMac imaging tool
External Hub	USB 3.2 Gen2 x2 (Type-A, 10Gbps),USB 3.2Gen2 x1 (Type-A, 10Gbps),100W PDx1 and other.

Build-in Software

CSI Imager：Self developed high-speed imaging tool with support for creating full disk decryption images

X-Imager: Self developed imaging tool for Apple computers, supporting the acquisition of Sparseimage or DMG images from T2 or Apple Silicon Apple computers.

WinToGo: The forensic system supports built-in third-party imaging tools or forensic analysis software.

CSI RESPONDER

Key Features

1 Non-dismantling Imaging

CSI Responder supports imaging hard drives of laptops, Windows tablets, and desktop computers without dismantling.

1. Compatible with over 95% of laptops, desktop computers, and Apple computers in the market with both Intel and ARM architectures.
2. Built-in disk offline write protection function in the forensic system, enabling non-dismantling read-only acquisition of the source disk image.
3. Multi-channel parallel imaging cache, tested with Thunderbolt 3/4, USB4 interfaces achieving speeds of up to 120GB/min with dual-channel access, and speeds exceeding 60GB/min for single-channel access.
4. Supports non-dismantling forensics of the latest ARM architecture tablets, such as Surface Pro X, Huawei

2 Disk Decryption

TPM (Trusted Platform Module)

MAC - T2 & Apple Silicon（M1/M2/M3）

3 Unbreakable Fast

Protocol	Thunderbolt + USB quad channel
Imaging Speed	120-150GB / min

Device Specifications

- **Dimensions:** 120mm*100mm*20mm (Length x Width x Height)
- **Storage Channel Interfaces:** Thunderbolt 3 x 2, USB-C x 2
- **External Interfaces:** USB-A (3.1 Gen2, 10Gbps) x 2
- **Power Input:** 12V (18W), supports power supply from power banks and charging adapters

4 Operations without 220V power supply

Our main unit supports powering devices via portable power banks, enabling on-site forensic work even without utility power.