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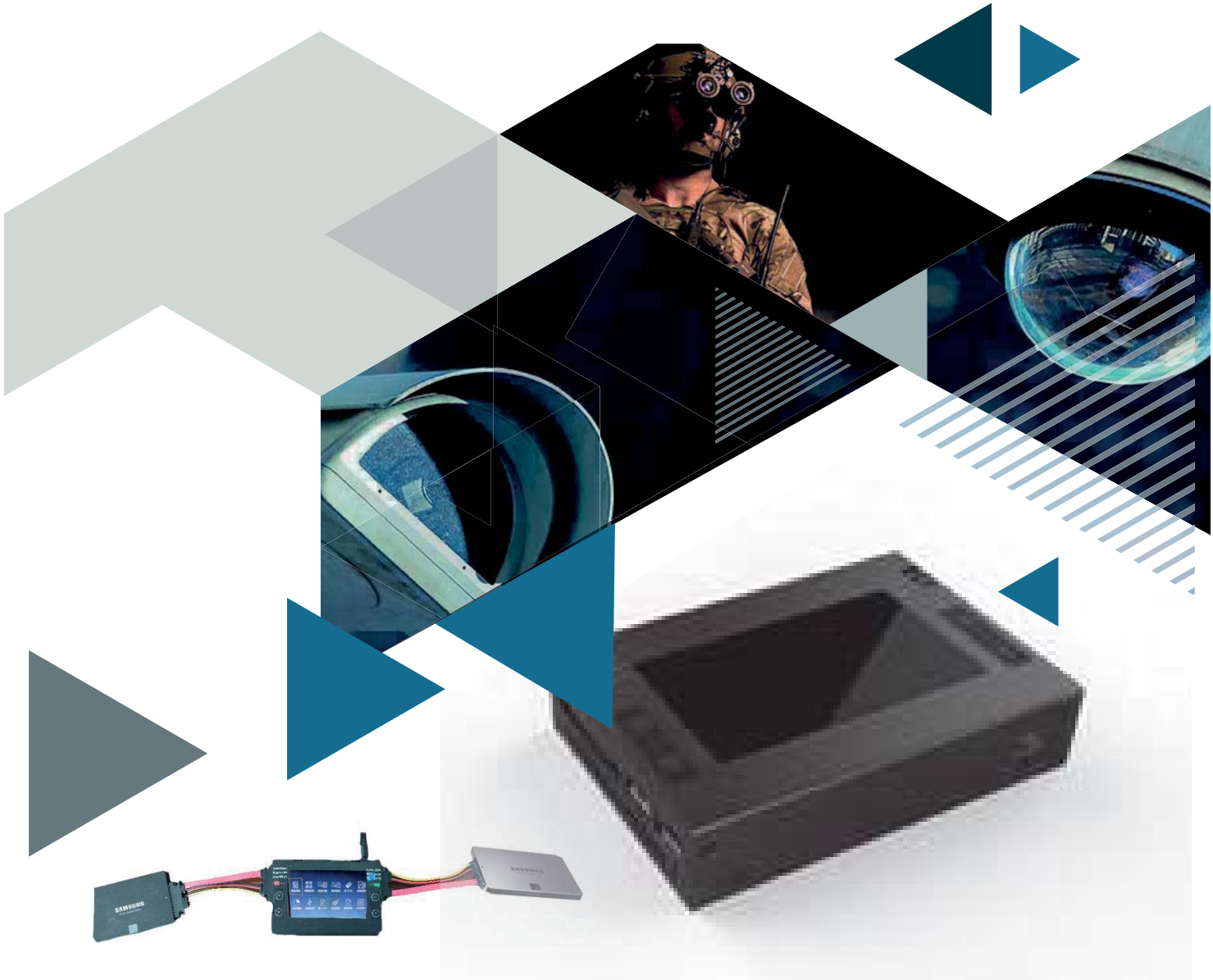
FORENSIC DUPLICATOR



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Forensic Duplicator

Description:

The all-in-one copy and read-only machine is a high-tech judicial evidence copying equipment that is compact and portable,which has high functional integration, efficient use and excellent performance. It has reasonable design, compact structure, stable functions, powerful performance, compatible with common types of storage media. Maximum single-task end-to-end data transmission speed is not less than 40GB/MIN, built-in disk cloning, mirroring, data shredding, hash verification and several major functional modules such as online mounting, it perfectly meets the needs of judicial evidence collection. Integrated Media Interface：

- 1 PCI-E write-protected port
- 1 SATA 3.0 write-protected port
- 1 USB3.0 write-protected port
- 1 SATA 3.0 read and write port
- 1 USB3.0 read and write port
- 1 built-in M.2 read and write port

Function:

- Hard disk cloning: supports multi-threaded parallel operations, supports synchronous verification: SHA1, SHA256, MD5;
- Image acquisition: Supported image types include DD, E01, EX01, etc., support multi-threaded parallel operations, optional synchronization verification: SHA1, SHA256, MD5;

- Hash verification: Supports separate calculation of hash values of storage media, types include MD5, SHA1, SHA256;
- Supports viewing source disk device information, including hard disk location, information, HPA/DCO settings, whether it is locked, SMART information, etc.;
- Support hidden partitions and support the identification and restoration of HPA/DCO hidden partitions;
- Supports hard disk erasure and formatting, erasure modes include: one-time, custom, safe, DoD formatting options: Ext4, NTFS, exFAT;
- Supports two working modes: local and online (USB3.0);
- Supports task interruption/resumption, allows interruption of the current copy task, automatically saves task progress, and supports task continuation. (E01 only supports segmented mode.)
- Equipped with a 4.3-inch LED touch LCD display and Chinese operation menu, which is easy to use;
- Built-in functional modules such as media cloning and copying, mirroring, rapid forensics, data shredding, hash verification, etc., and supports two sets of parallel tasks;
- It has a built-in M.2 read and write port;
- Standardly equipped with SSD connection module that supports PCI-E interface, M.2 interface and U.2 interface of PCI-E protocol;
- Supports read-only connection to Apple computers in Target disk mode without disassembly, and implements disk cloning, mirroring and analysis operations;
- Supports multi-threaded parallel operations and synchronization verification: SHA1, SHA256, MD5;
- Supports both online and offline operation modes. In addition to being used as a single device, it can also be connected to a computer through the USB interface and used as a multi-functional integrated read-only lock;

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