



A Powerful, Portable, Networked, Multi-User, and Economically-Priced Forensic Imager, Equipped to Perform Multiple Simultaneous Operations, with Expandable Support for Multi-Languages, on Logicube's Standard User Interface

- **Extremely fast forensic imaging now up to 53GB/min**
- **Multi-task allows simultaneous multiple imaging, hashing, and wiping**
- **Built-in support for SAS, SATA, FireWire, and USB drives out of the box**
- **BitLocker decryption**
- **Image to or from a network repository**
- **Built-in Targeted/Logical Imaging feature out of the box allows you to create a logical image using pre-set, custom filters, file signature filters and/or keyword search to capture only specific files needed**
- **File Browser feature provides write-blocked preview/triage of drive contents**
- **Restore forensic images created by the Talon Ultimate**
- **Partition imaging**
- **Image from SAS/SATA/FireWire®/USB 3.0. IDE, PCIe M.2 (NVMe/SATA/AHCI), eSATA, mSATA, micro SATA, and flash drives with optional adapters**
- **Same user interface flow and format as the premier Falcon-NEO forensic imager**
- **Imaging Resume function**
- **Multi-Language support**
- **Standard 3-year warranty included**



Designed for field or forensic lab use, the Talon Ultimate Multi-User imager delivers advanced, high-performance, networked forensic imaging at a budget-friendly price. Easily portable and featuring a compact footprint, user-friendly navigation standard on Logicube forensic imagers and IT cloners, and peerless imaging speeds in its class, the Talon Ultimate supports Targeted and Logical imaging out of the box through Multi-Tasked simultaneous operations and meets all imaging, browsing, hashing, verification, wiping, and formatting needs of forensic investigators.

FEATURES

- The Talon® Ultimate is an **extremely fast forensic imaging solution**, achieving speeds of over 53GB/min.
- **Image and verify to multiple image formats** including native copy, .dd, dmg, e01 and ex01. The Talon Ultimate provides MD5, SHA1, SHA256, and dual hash authentication at extremely fast speeds. SHA-512 available with ex01.
- Format destination drives to **NTFS, exFAT, HFS+, EXT4, EXT3, EXT2, or FAT32** file systems. Image from source drives formatted to any major file system.
- **Write-blocked source ports** include 2 SAS/SATA, 1 USB 3.0, 1 FireWire®, and 1 PCIe out of the box. No additional modules are required for SAS support.
- **Destination ports** include 2 SAS/SATA, 1 USB 3.0 and 1 FireWire out of the box. No additional modules are required for SAS support.
- **Supports M.2 SSDs** (NVMe/SATA/AHCI) and mini-PCIe cards with an optional PCIe adapter kit.
- **BitLocker, OPAL, VeraCrypt, and TrueCrypt decryption support.** Decrypt partitions or drives (requires the recovery key or password) and then image the selected partitions or drives. A password or a newly generated BEK (BitLocker Encryption Key) file is required to unlock FIPS-compliant BitLocker encryption.
- **Multi-Tasking** allows imaging, wiping, and hashing with multiple sources and multiple destinations, simultaneously. Perform up to 5 tasks.
- **Concurrent Image+Verify** takes advantage of destination hard drives that may be faster than the source hard drive. Duration of total image+verify process time may be reduced by up to half.
- **The Talon Ultimate provides built-in support for SAS/SATA/USB3/FireWire** storage devices including solid-state drives. M.2, 2.5"/3.5" IDE/PATA, 1.8" IDE, 1.8" ZIF, mSATA, micro SATA, eSATA, U.2 NVMe, and flash drives are supported with optional adapters.
- **Resume feature** allows the choice of resuming an imaging task or restarting the whole task.
- **File Browser/Write-Blocked Drive Preview** provides logical access to source or destination drives and network connected repositories. View the drive's partitions and contents and view text files, jpeg, PDF, XML, HTML files. View the contents of .dd, e01, ex01, dmg, L01 image files created by Talon Ultimate. Preview on a PC/laptop or over a network via SMB or as an iSCSI target.
- **Parallel Imaging** allows users to perform multiple imaging tasks from the same source drive using different imaging formats to multiple destinations.
- **Wipe feature** lets users choose from Secure Erase, DoD wipe, and custom pass settings. Complies with NIST 800-88 guidelines. User selectable option to verify wipe pass value during the wipe process.
- **File to Drive imaging mode** restores Talon Ultimate created images.



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FEATURES (continued)

- **Targeted/Logical Imaging may shorten acquisition time.** Create a logical image by using pre-set, custom, or file signature filters, and/or keyword search function to select and acquire only the specific files you need. Format output to L01, LX01, ZIP or directory tree.
- **Secure sensitive evidence data** with whole drive, open standard drive encryption using the NIST recommended **XTS-AES 256 cipher mode**. Decryption can be performed using the Talon Ultimate or use open-source software programs such as VeraCrypt, TrueCrypt, or FreeOTFE.
- **Network Push Feature** pushes evidence files from destination drives connected to the Talon Ultimate to a network location. The Push feature provides a more secure method than simply copying and pasting to the analysis computer by performing an MD5 or SHA hash during the push process.
- **USB 3.0 device port provides write-blocked preview/triage of suspect drives** connected to Talon Ultimate. Users can also copy files from drives to their PC with this feature. **The Talon Ultimate can be used as a write-blocker.**
- **HTTPS support** for secure remote access.
- **Capture from a Mac® computer** booted in Target Disk Mode using the FireWire port. An off-the-shelf Thunderbolt™ to FW cable is required for Mac computers with a Thunderbolt port.
- **Image from a PC or laptop without removing hard drives.** Create a forensic bootable USB flash drive to image a source drive from a computer on the same network without booting the computer's native OS.
- **Advanced administrative functions** allow users to create/manage image repositories, manage network settings, create user profiles, save configurations, and manage drive station assignments.
- **Image from a CD/DVD/Blu-Ray.** The Talon Ultimate can image CD/DVD/Blu-Ray media by using a USB optical drive connected to the USB port on the Talon Ultimate with support for multi-session CD/DVDs.
- **Gigabit Ethernet port** provides network imaging to/from a network repository using CIFS or iSCSI.
- Use the **remote, browser-based interface** to manage all Talon Ultimate operations including software updates.
- **End of task notification** available as either audible notification or email for successful tasks or tasks that show an error.
- **Internal, removable storage drive** that stores the OS and logs. The drive is easily removed for secure/classified locations.
- **Audit trail/log reports** provide detailed information on each task. A digital signature is included in the report for authentication purposes. Reports are available in PDF, HTML, or XML format and users can export individual or all log reports to a USB flash drive.
- **Additional features include** HPA/DCO/ACS3 capture, drive spanning, color touchscreen display, on-screen keyboard, HDMI port, two USB 2.0 host ports for keyboard, mouse or printer connectivity, blank disk check feature, drive trim feature, and detailed information, including S.M.A.R.T. data, on drives connected to Talon Ultimate.

*The Talon Ultimate achieves speeds of up to 53GB/min using solid state "suspect" drives that contain a freshly installed Windows X OS and random data. Settings used are E01/Ex01 image format, using compression and verify "on". The specification and condition of the suspect hard drives as well as the mode, image format and settings used during the imaging process may affect the achieved speeds.

OPTIONS

- PCIe adapter kit for M.2 (NVMe/SATA/AHCI) and mini-PCIe cards.
- mSATA to SATA adapter
- micro SATA to SATA adapter
- eSATA cable
- 2.5"/3.5" IDE to SATA adapter
- U.2 NVMe to PCIe adapter
- 1.8" ZIF to 1.8" IDE and 1.8" IDE to SATA adapter
- USB Flash Reader for various flash media including compact flash and SD cards
- 4-port USB 3.0 hub
- 18" extended-length SATA cable set
- Soft-sided carrying case
- Hard Case

IN THE BOX

The Talon Ultimate is shipped in a cardboard carrying case that includes a custom foam insert ready to drop into a standard Pelican-type hard case.

- Power supply & US power cord
- 4 SAS/SATA power & data cables
- 1 CAT6 network cable
- 4 eSATA 6-pin SATA power (for eSATA drives)
- 1 USB 3.0 device cable
- 1 FireWire cable
- User's manual on CD-ROM

SPECIFICATIONS

Power Requirements	Power Consumption	Operating Temperature	Relative Humidity	Net Weight	Dimensions	Agency Approvals
12V DC, grounded 11.5A	<140W w/drives	0 to 40° C (32 to 104° F)	20% to 80%	2.0 lbs 1.0 kg	7.6" W x 5.5" D x 2.6" H 193 mm W x 140 mm D x 66.0 H mm	RoHS Compliant FCC Part 15 Class A CE



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