

VIP 2.0 (Video Investigation Portable)

A. Forensic Features

- Logical write-protection, VIP software operates in a forensically sound manner, all sources being examined are under read-only environment.
- Physical write-protection (with hardware-kit), connect source drive with the write-blocker equipped in the kit to ensure chain of custody. Physically protect the source and avoid any possibility of modification.
- Forensic imaging, can create bit-to-bit copy forensic images of source drives.
- Support disk to disk, or disk to file imaging.
- Support MD5, SHA-1 hash calculation for image verification.
- Can automatically generate forensic report.

B. Video Extraction & Recovery

- Capable of accessing surveillance video data directly from CCTV DVR/NVR hard drives.
- Bypass DVR/NVR system login password.
- Can extract videos from damaged or inaccessible DVR/NVRs.
- Can recover inaccessible video files, including deleted, lost, fragmented video files.
- Can recover video files from DVR/NVR hard drives which have been mistakenly formatted or corrupted.
- Can recover fragmented video clips from overwritten video footages.
- Support to extract video meta data including time stamps, channel marks.
- Support to extract and recover videos from a large number of popular surveillance brands including but not limited to: Hikvision, Dahua, Honeywell, SONY, SONY SXD, SAMSUNG, BOSCH, JOVISION, RaySharp, WAPA, VISIONDIGI, HANBANG, JOOAN, iCatch, Viewse, Woshida, Hanbang, Landun, Streamax, Zhiling, Loosafe, Diesbo, MHK, ZHONSH, XENON, Tiandy, Uniview, Seeyou, Samsung SRD, Webgate, XM, ZENO, TP-LINK, Hanhua, PRIME, BlueStar, TESWELL, CYTech, etc.
- Support to extract and recover videos from a large number of popular file systems including but not limited to: FAT32, exFAT, NTFS, JFS, EXT2/3/4, HIK 264, HIK FAT, DHFS_41, WFS0.4, DSB_DVR, WFS0.3, HIK_IMHK, WFS0.1, BLUESKY, HB_MS, VVF, DHFS_4, HB_dc, JVS_801, STL_MPEG, MP4, DHFS_40, WB, LOOSAFE, ZHILING1.0, HB_fat, WB_0dc, BOLI 264, WFS0.2,

- WB_1dc, JVS_601, HB_msv2, RMSX 264 etc.
- Multi-tasking, can extract and recover from multiple DVR/NVR hard drives simultaneously.
- Support to transcode proprietary format video files into AVI format, so normal video plays can play the videos exported.
- High-speed extraction, video extraction speed above 3GB/min.
- Support network extraction mode, can connect to a running DVR/NVR system with local network connection, and extract video files to local storage drive.
- Capable of automatically scanning network for existing DVR/NVR systems.

C. Video Player

- Support to preview and play videos in numerous proprietary video formats with Ultra Player, no needs for diverse video players.
- Playing speed adjustable, including 1x, 2x, 4x, 8x, 6x and 1/2x, 1/4x, 1/8x, 1/16x speed.
- Support to capture and save snapshots.
- Support to cut and save video clips.
- Support to zoom-in or zoom-out on video footage.
- Support to split screen and play 4 videos simultaneously.
- Can transcode video files for better playing experience.

D. Video Retrieval

- Support objects identification, moving direction and motion analytics in video footages.
- Time bar marking, use different colors to mark static sections and motional sections on the time bar, so investigators can quickly skip useless footages and jump to suspicious footages.
- Image recognition and filter settings to help quickly locate target objects in the footage. Filter options including: color filters, focus area, movement direction, trap wire, people and cars.
- Display a list of all footages match to help quickly spot and watch suspicious footages.

E. Other Features

- Automatically save scanning history, so that investigators don't have to scan the same hard drive every time.
- Time calibration, can set time offset to adjust the time of the recorded videos to the real time, in case time settings in the DVR/NVRs being examined is not

correct.

- Customizable tool-box, users can add customized tools for quick access.
- Quick link to Amped FIVE, extracted videos can be sent to Amped FIVE with one simple click for video enhancement.

F. VIP Accessories (Optional, not by default)

Item	Qty.
SATA Data and Power Combo Cable	1
UNITEK Cable Kit	1
Network Cable	1
USB Hub	1
VGA Adapter	1

G. Hardware Specifications

(Optional, for laptop version only, not by default)



CPU: Intel Core i7-8550U, 4 core 8 Thread 1.8GHz

Memory: 16GB DDR4 2400MHZ

Storage: 128G SSD + 1TB HDD

Graphic Card: 2GB DDR5

Screen: 14" Resolution 1920x1080 1080P

OS: WINDOWS 10

I/O(Input/Output): USB3.0*2, HDMI*1, Type-C*1 RJ45*1, card reader*1, audio*1

USB Hub: USB3.0*4

SalvationDATA