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VIDEO FORENSIC ANALYSIS SYSTEM

C4I-VFAS-3



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Video Forensic Analysis System

Model: C4I-VFAS-3



Description:

The Video Forensics Analysis System is a fully function videos forensic analysis system aimed at retrieving the loss of data caused by all kinds of wrong operations such as the deleting, damaging or formatting of videos.

This system can be applied to DVR and NVR of all brands, and to the use of rebuilding and extracting data of many video formats, analyzing the distribution of the data fragments on the disk image, available for analysis both on the scene and in the laboratory.

This product can ensure the smooth process of recovering and analyzing video data within different brands' disk video recorders under many conditions, enabling one to extract data precisely through different sub-channels/channels and points of time, and rebuild the whole disk fragments with great accuracy and efficiency.

NOTE: Due to the rapid replacement of electronic products, this configuration is only for reference to prevail in kind.



Feature:

1. Build-in operating system parsing, file restoring, fragments reconstruction.
2. Support video preview, record time recognition, unsigned int channel separation.
3. Support file system scanning extraction, fast search for existing video.
4. Support the whole physical scan extraction, fast search for existing video and lost video.
5. Support residual space scanning extraction, focus on search for lost video.
6. Support regional spatial scanning extraction, fast retrieval of TB level monitoring hard disk.
7. Support video format analysis function.
8. Support fragment graph analysis view, display the scanning results in sector chart form, and mark the clusters occupied by each video fragment with color.
9. Support file location identification function.
10. Support video storage space analysis function.
11. Support analysis function of causing lost video.
12. Support MP4 Deep Debris Exploration Function. Breaking through the MP4 video fragment recovery algorithm under FAT32 file system, and reorganize MP4 video completely.
13. Support MP4 second reorganizing. In order to improve the accuracy and flexibility of video recovery, the software can be reconstructed by manual in case of software misjudgment caused by video location errors.
14. Support filtering function according to time, channel, etc.
15. Supporting video frame extraction technology, using static image extraction to quickly view
the video and find the required data.
16. GPU acceleration.
17. Supported brands include:
 - Video surveillance: dahua, hikvision, jovision, WFS,H264, etc.
 - Video camera: canon, Nikon, snoy, Panasonic, pentax, olympus, Fujifilm, sigma, Minolta, Kodak, etc.
18. Supporting video recovery of digital cameras, traffic recorders, body sworn camera.
19. Video format of supporting the QTISF protocol: MOV, MTS, MP4, P2, MTS, MT2S.

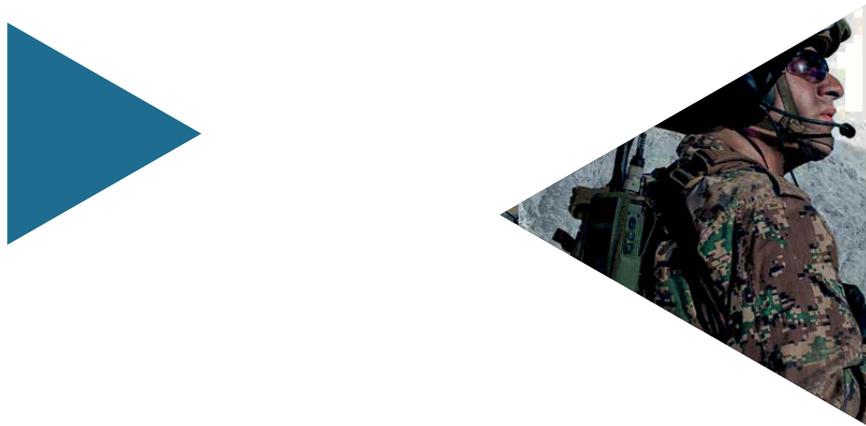


Hardware Equipment:

Specialized hardware configuration, with various leading read-only locks and data write protection controllers in the industry, supports up to eight SAS 2.0/ SATA 3.0 write protection at the same time, and single channel single task end-to-end data reading speed is 30GB/MIN.

Technical Parameter

CPU	XEON E5 2620*2
Core	Intel® C602A
Memory	32G RECC, Extensible to 512GB DDR3 1333/1066/800MHz
Hard Disk	256 G SATA3 SSD* 1+3TB SATA3 HDD*3
Network Card	2 Intel® i350 PCI-E GbE LAN
Video Card	ATI RX 470 4G DDR5*1
Display	Philip 31.5 inch curved screen
Multifunctional Read-Only Lock * 1 (Supporting SATA/USB3.0/Multifunctional Card Reader)	
3.5-inch read-only SAS2.0/SATA3.0 Screw-free hard disk storage*8	
3.5-inch read and write SAS2.0/SATA3.0 screw-free hard disk storage*8	
Blu-ray Lithography Machine*1	



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