

ACP Ultra Series HPE Recording Server

New solution from Arlington Computer Products Inc.

Certified with the Milestone XProtect 2017 VMS



Expect superior performance from the ACP Ultra Series HPE Recording Server, tested and proven to record over 900 Mbps! of video on a single XProtect Recording Server appliance.



[View the full details of the ACP XProtect Certified Solution](#)



[Contact ACP to learn more about Ultra Series HPE Recording Server](#)

Several video stream configurations were supported in the certification tests, the solution was configured to take advantage of Milestone's unique archiving capability, and video was recorded based on motion detection and continuously based upon a preconfigured schedule. The tests were designed to prove that the ACP integrated solution meets the demands of the XProtect application, and is applicable in a wide range of customer scenarios.

About the Solution:

The architecture of the system is built on the HPE DL380 Gen9 server. Milestone XProtect Corporate 2017 R1 was the VMS.

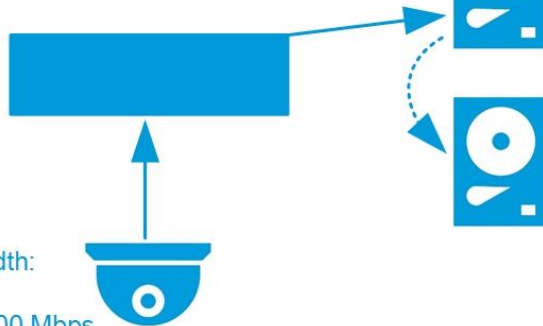
- Usable as a standalone NVR solution, or as a modular building block in a larger sized system.
- Live Database 4x SSD RAID5 and Archive Database 8x SATA RAID5 with over 50TB of usable storage built-into the same solution.
- Recording triggered by software based video motion detection (VMD)
- Tested with 2Mbps, 6Mbps, and 10Mbps video streams



Certified System Specifications

ACP Ultra Series Recording Server:

- 12x LFF Drive Bays
- 2x Intel Xeon E5-2620v4
- 32 GB RAM
- 2GB RAID Controller
- Dual Power Supply
- Windows Server 2012 R2 Std



Storage Architecture:

- Live DB
- 4x 480GB MU SSD
- RAID5
- Archive DB
- 8x 8TB SATA
- RAID5
- Archive every hour

Camera bandwidth:

- Benchmark 300 Mbps
- Maximum 900+ Mbps

Tested Video Stream Configurations

Cameras	Image Resolution	Recording Method	Stream Size	Camera Bandwidth	Disk Write Throughput
160	1920x1080	VMD	1.86 Mbps	299 Mbps	37.42 MBps
160	2048x1536	Continuous	5.7 Mbps	912 Mbps	114 MBps
90	1920x1080	Continuous	10.6 Mbps	955 Mbps	119.17 MBps

About Milestone:

At Milestone, we innovate and achieve together with our partners. When you offer Milestone, you offer more than a video management system. You get the freedom to build a tailor-made surveillance solution that meets your customer's need – now and in the future. That is the power of our open platform community.

MilestoneSys.com

About Arlington Computer Products Inc.:

ACP is an IT solution provider that has been delivering industry leading Enterprise Solutions to their customers and partners for over 33 years. Specially focusing on designing High Performance purpose built video recording servers on World Class Tier One brands.

ArlingtonCP.com

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