



PDS Vision V8



Video Solutions

Hardware Optimized for Video...
By Video Experts



The PDS Vision line of video management systems feature custom processor, memory and integrated storage options designed to match the camera and software requirements of your project.

Based on open-platform architecture, our systems are designed to support multiple video streams from a wide variety of end points. Our industry leading design, testing and certification process ensures maximum uptime for your mission critical IP surveillance solution.

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PDS VISION V8 SPECIFICATIONS:

Processor Options:

- Intel® Core i7 Processors LGA1366 socket
- Optional: 5500 Series Intel Xeon Processors

Motherboard Feature Set:

- Intel® DX58SO Express Chipset
- NVidia SLI and ATI Crossfire technology

Memory:

- 3GB Triple Channel Memory Standard
- Support for up to 16 GB of system memory
- Four 240-pin DIMM DDR3 Module sockets
- Support for DDR3 1600/1333/1066 MHz, DIMMs

I/O Connections:

- Six SATA 300 (3.0 Gb/s) Ports (point to point)
- Two IEEE 1394a ports
- 12 USB 2.0 ports

Video Display:

- Dual Independent Display VGA/DVI
- One VGA + One DVI-I Connection or 1 S-Video Connection
- Optional Quad Independent Display

Audio:

- Intel® High Definition Audio
- 10-Channel (7.1) Channel Audio

Expansion Features:

- Two PCI Express x16 Slots (1 used for graphics)
- One PCI Express x4 Slot
- One PCI 32-bit Slots

Optical:

- Super Multi – Slot (DVDRW)

Network:

- Gigabit (10/100/1000 Mbits/sec) LAN subsystem

Hard Drives:

- 250 GB 7200RPM Operating System Drive
- Optional Additional SATA 1TB/2TB Constellation (Enterprise Class) Storage Drives

RAID: (R5)

- 3Ware 4 Channel Multilane SAS/SATA Raid Controller
- 5 Hot Swap Drive Bays for up to 6TB usable RAID5 Storage

Power Supply: (R5)

- 650 Watt Power Supply
- Optional: 550 Watt Redundant Power Supply

Operating System:

- Windows Server 2008, Windows Server 2003 & Windows 7 / XP Professional

Rackmount Dimensions: (R5)

- 20.5" (D) x 16.9" (W) x 6.9" (H)
(522mm x 430mm x 176mm)







Tower Dimensions: (T4)

- 18.3" (D) x 7.8" (W) x 16.7" (H)
(465mm x 198mm x 425mm)

Contact:

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All PDS Vision video management systems are 100% designed, assembled, tested and burned in at our 43,000sq ft ISO 9001:2000 configuration center. Each system is backed by a 3 year warranty and comes with the support of our help desk, Artie. For more information on PDS Video Solutions, visit <http://www.pdspc.com/pds-video-solutions.aspx> or contact the PDS representative for your region.

Software	Vision TN		Vision V8		Vision SC	
	Core i5 650	Core i5 660	Core i7	Xeon 5500	Xeon 5520	Xeon 5590
Onssi	85	100	120	125	200	225
Milestone	85	100	120	125	200	225
Exacq	100	128	144	150	250	270
PDS HVR	40	50	75	80	100	115
LuxRiot	30	40	60	65	80	90
						

* Calculations based off of IP Cameras running at 640x480 @ 10 FPS. Calculated using software manufacturers hardware specifications.

* Calculations do not account for max camera count software limitations, numbers represent a theoretical number for camera count calculations.

* For Mega Pixel cameras use the multipliers: 1.3MP = 2 cameras, 2.1MP = 4 cameras, 3.0MP = 6 cameras, 5.0MP = 10 cameras