



	DVC-LP Chassis	DVC-ST Hybrid Chassis
IP Recording Rate	240Mbps	140Mbps
Channel Count**	60	35
Storage Options	2TB to 12TB	2TB to 12TB
Chassis Type	1U 19-inch rack-mount chassis	2U 19-inch rack-mount chassis
CPU	Xeon E3-1225V2 3.2GHz Quad Core	Intel Celeron G1820 2.7GHz Dual Core
Operating System	WIN 10 IoT ENT	WIN 10 IoT ENT
RAM	8GB DDR3 (2 x 4GB) 1600Mhz	8GB (2 x 4GB) DDR3 1600MHz
Onboard NICs	Dual 10/100/1000 Ethernet ports	Dual 10/100/1000 Ethernet ports
Optical Drive	-	CD/RW-DVD/RW
Operating System Drive(s)	1 x 250GB internal SATA hard drive	1 x 500GB internal SATA hard drive
Video Capture Card	-	1 x 16-channel VDC-DS4316HWIE
RAID Controller	-	-
Video Storage	Up to 4 SATA 7200 RPM hard drives	Up to 4 SATA 7200 RPM hard drives
Serial Port	1 x serial port	2 x serial ports
USB Ports	5 x USB 2.0, 2 x USB 3.0	4 x USB 3.0, 2 x USB 2.0
Video Output	1 x VGA, 2 x HDMI	2 x DisplayPort, 1 x DVI-D, 1 x VGA
Power Supply	400W	300W
Rail Kit	Rack-mount rail kit	Rack-mount rail kit
Optional OS Upgrade	WIN SERVER 2012 STD R2 Embedded	WIN SERVER 2012 STD R2 Embedded
Physical Dimensions	19" (W) x 20" (D) x 1.75" (H)	19" (W) x 19" (D) x 3.5" (H)
Weight (fully populated)	28 lbs	24 lbs
Operating Temperature	10°C to 40°C (50°F to 104°F)	10°C to 40°C (50°F to 104°F)
BTU Output Under Load	511 BTU/hr	482 BTU/hr
Regulatory Compliance	CE, FCC (Class B), UL 60950, ROHS	CE, FCC (Class B), UL 60950, ROHS

Part Number	Storage	Part Number	Storage
DVC-LP-B-A00-01-2T	2TB of storage	DVC-ST-C-A16-01-2T	2TB of storage, 16 analog channels
DVC-LP-B-A00-02-2T	4TB of storage	DVC-ST-C-A16-01-3T	3TB of storage, 16 analog channels
DVC-LP-B-A00-03-2T	6TB of storage	DVC-ST-C-A16-04-2T	8TB of storage, 16 analog channels
DVC-LP-B-A00-04-2T	8TB of storage	DVC-ST-C-A16-04-3T	12TB of storage, 16 analog channels
DVC-LP-B-A00-04-3T	12TB of storage		



	DVC-EX Chassis	DVC-HD Chassis
IP Recording Rate	240Mbps	240Mbps
Channel Count**	60	60
Analog Encoding	16 to 32 encoder channels optional	16 to 32 encoder channels optional
Video Capture Card	Optional (1 or 2) 16-channel VDC-DS4316HWIE	Optional (1 or 2) 16-channel VDC-DS4316HWIE
Storage Options	8TB to 32TB	16TB to 64TB
Video Storage	Up to 8 SATA 7200 RPM hard drives	Up to 16 SATA 7200 RPM hard drives
Chassis Type	3U 19-inch rack-mount chassis	3U 19-inch rack-mount chassis
CPU	Intel XEON E3-1275 v2 3.5GHz Quad Core	Intel XEON E3-1225 v3 3.2GHz Quad Core
Operating System	WIN 10 IoT ENT	WIN SERVER 2012 STD R2 Embedded
RAM	8GB DDR3 (4 x 2GB) 1600MHz	12GB DDR3 (3 x 4GB) 1600MHz NON-ECC, DUAL RANK
Onboard NICs	Dual 10/100/1000 Ethernet ports	Dual 10/100/1000 Ethernet ports
Optical Drive	CD/RW-DVD/RW	CD/RW-DVD/RW
Operating System Drive(s)	1 x 500GB internal SATA hard drive	2 x 250GB internal SATA hard drive (RAID1)
RAID Controller	Adaptec 8805 RAID controller	Adaptec 81605Z RAID 16PRT INT 12GB/s SATA/SAS
Serial Port	2 x serial ports	2 x serial port
USB Ports	4 x USB 2.0	4 x USB 2.0
Video Output	1 x VGA, 1 x DVI-D	1 x HDMI, 1 x Display Port, 1 x DVI-D, 1 x VGA
Power Supply	Dual 420W, 8-5A redundant power supplies	800W 1+1 redundant power supplies
Rail Kit	Rack-mount rail kit	Rack-mount rail kit
Optional OS Upgrade	WIN SERVER 2012 STD R2 Embedded	-
Physical Dimensions	19" (W) x 26" (D) x 5.25" (H)	17" (W) x 26" (D) x 5.2" (H)
Weight (fully populated)	55 lbs	88 lbs
Operating Temperature	5°C to 40°C (41°F to 104°F)	10°C to 40°C (50°F to 104°F)
BTU Output Under Load	753 BTU/hr	1,196 BTU/hr
Regulatory Compliance	CE, FCC (Class A), UL 60950, ROHS	CE, FCC (Class A), UL 60950, ROHS

\*2x 12Gbps Mini SAS SFF-8644 connections for off-board JBOD storage.

\*\*Benchmark Channel Specification: H.264, 1600x1200, 30fps, 4096kbps, no motion detection

Part Number	Storage	Part Number	Storage
DVC-EX-C-A00-04-2T	8TB of storage	DVC-HD-C-A00-08-2T	16TB of storage
DVC-EX-C-A00-04-3T	12TB of storage	DVC-HD-C-A00-08-3T	24TB of storage
DVC-EX-C-A00-08-2T	16TB of storage	DVC-HD-C-A00-16-2T	32TB of storage
DVC-EX-C-A00-08-3T	24TB of storage	DVC-HD-C-A00-16-3T	48TB of storage
DVC-EX-C-A00-08-4T	32TB of storage	DVC-HD-C-A00-16-4T	64TB of storage
DVC-EX-C-A16-04-2T	8TB of storage, 16 analog channels	DVC-HD-C-A16-08-2T	16TB of storage, 16 analog channels
DVC-EX-C-A16-04-3T	12TB of storage, 16 analog channels	DVC-HD-C-A16-08-3T	24TB of storage, 16 analog channels
DVC-EX-C-A16-08-2T	16TB of storage, 16 analog channels	DVC-HD-C-A16-16-2T	32TB of storage, 16 analog channels
DVC-EX-C-A16-08-3T	24TB of storage, 16 analog channels	DVC-HD-C-A16-16-3T	48TB of storage, 16 analog channels
DVC-EX-C-A16-08-4T	32TB of storage, 16 analog channels	DVC-HD-C-A16-16-4T	64TB of storage, 16 analog channels
DVC-EX-C-A32-04-2T	8TB of storage, 32 analog channels	DVC-HD-C-A32-08-2T	16TB of storage, 32 analog channels
DVC-EX-C-A32-04-3T	12TB of storage, 32 analog channels	DVC-HD-C-A32-08-3T	24TB of storage, 32 analog channels
DVC-EX-C-A32-08-2T	16TB of storage, 32 analog channels	DVC-HD-C-A32-16-2T	32TB of storage, 32 analog channels
DVC-EX-C-A32-08-3T	24TB of storage, 32 analog channels	DVC-HD-C-A32-16-3T	48TB of storage, 32 analog channels
DVC-EX-C-A32-08-4T	32TB of storage, 32 analog channels	DVC-HD-C-A32-16-4T	64TB of storage, 32 analog channels

## Hi-Res H.264 30FPS Video Board (VDC-DS4316HWIE)

H.264 capture card for obtaining analog source signals used in the DVC-ST, EX, & HD chassis

- H.264 (MPEG-4/Part10) compression
- Maximum of two 16-channel video boards per DVC-EX, DVC-HD 3U server
- Recording resolution: D1, 4CIF, 2CIF, CIF, QCIF
- Variable frame rate for each channel up to 30/25 FPS (NTSC/PAL)
- 16-channel video and 16 channel mono audio, inputs via BNC

## Video Client Configurations

Recommended Specifications	Configuration 3	Configuration 7 High Performance
Chassis Type	Dell Precision Workstation Tower 5810	Dell Precision Workstation Tower 5810
CPU	Intel core E5-1607V3 (4C, 3.1GHz, 10MB)	Intel Xeon E5-1620V3 (4C, 3.5GHz, 10MB)
Operating System	Windows 7 Professional 64-bit	Windows 7 Professional 64-bit
RAM	8GB (2 x 4GB) 2133MHz DDR4 RDIMM ECC	16GB (4 x 4GB) 2133MHz DDR4 RDIMM ECC
Onboard NICs	RJ45 Ethernet port	RJ45 Ethernet port
Optical Drive	8X DVD+/-RW	8X DVD+/-RW
Operating System Drive(s)	500GB SATA 7200 RPM	512GB SSD 2.5" SATA3
Video Graphics Card	NVIDIA Quadro K620 2GB (DP, 1 DP to SL-DVI adapter)	AMD FirePro™ W7100 8GB (4 DP, 3DP to SL-DVI adapters)
Serial Port	(1) Serial port	(1) Serial port
USB Ports	(4) USB 3.0 ports, (6) USB 2.0 ports	(4) USB 3.0 ports, (6) USB 2.0 ports
Audio	Internal chassis speakers	Internal chassis speakers
Power	425W	685W
Mouse/Keyboard	Yes	Yes
Warranty	3-year limited warranty	3-year limited warranty
Surge Suppressor	Yes	Yes



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