



# VideoEdge External Storage

Simplicity, Performance, and Reliability



## Optimized for video surveillance workloads

DAS and SAN deployment options, accelerate data access with more processor power, IOPS and bandwidth



## High availability for mission critical applications

Fully redundant architecture eliminates single points of failure and maximizes uptime



## Cost effective data retention at scale

Pay as you grow - Easily expandable to 2.40PB of raw storage per array with 9 x expansion enclosures



## Multiple protocol support

32Gb Fiber channel, 10Gb iSCSI and 12Gb SAS backend connectivity options simplify integration with existing environments



## Robust fault tolerance

Configurable for multiple RAID levels to satisfy individual data retention needs



## Intuitive web-based GUI

Quick and easy to configure, provision and manage remotely

# Specifications

Specification	iSCSI RAID	Fiber RAID	Expansion Unit
Chassis format	Dual controllers, internal drive bays, networking with expansion options		Dual I/O modules, internal drive bays
Rack size	2U		
Controllers	2 hot-swappable per chassis (dual-active)		
Processor	Intel® Xeon Processor		N/A
HDDs per Enclosure	12 (hot-swappable)		
HDD Quantity, Capacity & Type	12 x 3.5" 20TB NLSAS		
System memory	16GB per controller (32GB total)		N/A
Host interface	10Gb iSCSI BaseT 8 Ports (auto-negotiates to 1Gb)	32Gb FC Type-B 8 Ports, 2 x SFP+ FC32 Optical Transceivers (auto-negotiates to 16Gb)	N/A
Disk interface expansion ports	2 x 12Gb SAS (wide-Port) (1 port per controller)		2 x 12Gb SAS (wide-Port) (1 port per I/O module)
Management ports	2 x 1Gb BASE-T (1 port per controller)		N/A
Maximum Raw Expansion Capacity	2.40PB (with 9 x expansion units)		N/A
RAID support	RAID 1, 5, 6, 10, or ADAPT RAID		
Dimensions (W x H x D)	48.30 cm x 8.79 cm x 61.87 cm (19.01 in x 3.46 in x 24.36 in)		48.30 cm x 8.79 cm x 60.29 cm (19.01 in x 3.46 in x 24.74 in)
Weight	32.00 kg (71.00 lbs)		28.00 kg (62.00 lbs)
Power/wattage	2 x 580W PCM (hot-swappable)		
Heat Dissipation	1980 BTU		
Voltage	100-240 VAC, 50-60 Hz		
Amperage	7.6-3.0A (x2)		
Operating Temperatures	41 - 95°F (5 - 35°C) 10% to 80% with 29°C (84.2°F) maximum dew point		
Non-operating Temperatures	-40 - 149°F (-40 - 65°C) 5% to 95% with 33°C (91°F) maximum dew point		
Regulatory	Safety: UL Listed (US + Canada), EN 62368-1, EN60950-1 Emissions: FCC part 15, ICES-003 EN55032; CISPR22 CLASS A Immunity: EN50130-4, EN 55035 Environmental: RoHS, REACH		

# Ordering Information

Model Number	Description
<b>VideoEdge External Storage</b>	
ADFRSR52008P	VE 32Gb FC 8-Port (2 x SFP+ FC32) RAID5 Storage System, 200TB Usable (240TB Total)
ADIRSR52008P	VE 10Gb iSCSI Base-T 8-Port RAID5 Storage System, 200TB Usable (240TB Total)
ADERSR5200	VE 12Gb SAS Expansion RAID5 Storage System, 200TB Usable (240TB Total)
<b>VideoEdge External Storage Accessories</b>	
ADVEFHBA740	VE Rack Mount NVR 2-Port FC32 HBA Kit
ADAF32TRX	Accessory 2 x SFP+ Optical Transceiver FC 32GBase Kit for ADFRSR52008P
ADAFCC-2M	VE Ext Stg Multi-Mode Fiber Channel Cable LC-LC 2 Meters
ADAFCC-10M	VE Ext Stg Multi-Mode Fiber Channel Cable LC-LC 10 Meters
ADESHD20TB	Accessory 20TB HD Kit for ADxRSR5200xx

American Dynamics victor VMS, VideoEdge Recorders and External Storage are sold, serviced and supported by a network of certified installers. For specific information regarding certification and training requirements please consult your local sales representative.