



# DVTEL USS



## Direct Attached Storage

The USS DAS is a direct-attached storage array that provides seamless expansion for DVTEL systems, dramatically increasing the storage capacity.

The array supports up to twelve 3.5-inch Near-Line SAS hard-disk drives and daisy-chaining up to four DAS's per controller, providing maximum flexibility, reliability and performance, achieving an astonishing half petabyte of usable storage per server when paired with DVTEL's USS high density servers.

Hot-swappable drives ensure both data integrity and continuous system operation.

The USS DAS includes:

- 3 years worldwide support
- 12-bay 2U chassis rack mount

Features	
Form Factor	2U rack
Hard Drive Bay	12 hard drive chassis
RAID Controller	PERC RAID controller with 1GB cache and battery backup
Hard Drive Storage	Enterprise class, hot-swappable hard drives (see model numbers). maximum internal storage: 48TB
Enclosure Management Modules (EMM)	2 EMMs provide redundant enclosure management capability
RAID Levels	PERC controller supports RAID levels 0, 1, 5, 6, 10, 50 and 60
Back-Panel Connectors (per EMM)	
Host Connectivity	1 SAS (SFF 8088) IN connector for connection to the host
Expansion Connectivity	1 SAS (SFF 8088) OUT connector for expansion to an additional enclosure
Service Management	16-pin UART mini-DIN connector (for factory use only)
Power Supplies (per PSU)	
Wattage	600 W
Host Heat Dissipation	188 W
Input Voltage Range	100 - 240 VAC, auto-sensing
Frequency Range	50/60 Hz
Amperage	8.6 A at 100 V, 4.3 A at 240 V
Dimensions and Warranty	
Dimensions	3.39 in. x 18.8 in. x 23.17 in. (8.7 cm x 48.2 cm x 59.4 cm)
Weight	62.6 lb. (maximum configuration), 19.5 lb. (empty) 28.39 kg. (maximum configuration), 8.84 kg (empty)
Warranty	3-year ProSupport and Next Business Day On-site Service
Certifications	Nemko, CE, FCC, C-Tick, ICES, VCCI

### Features

- Compact 2U disk array with up to 12 drives
- Up to 48TB of hard drive storage
- Server-class hardware
- PERC allows all storage to be recognized as a single unit
- Redundant path with I/O load balancing
- Hot-swappable hard drives
- Utilizes the same drives as the USS Server

### Benefits

- Requires less rack space
- Low per GB storage costs
- Reliability and peace of mind
- High resiliency and fault tolerance
- Continuous data access even if a cable path fails
- Ease-of-expansion and infrastructure upgrade



VIDEO INNOVATION TO SECURE YOUR BUSINESS



# DVTEL USS



## Direct Attached Storage

### Model Numbers

Model	Storage	Model	Storage
<b>USS Direct Attached Storage, Raid-5</b>		<b>USS Direct Attached Storage, Raid-5 with Hot Spare</b>	
USS-DAS-06R5-04	6TB RAID-5 (4TB usable)	USS-DAS-08H5-04	8TB RAID-5 w/HS (4TB usable)
USS-DAS-08R5-06	8TB RAID-5 (6TB usable)	USS-DAS-10H5-06	10TB RAID-5 w/HS (6TB usable)
USS-DAS-10R5-08	10TB RAID-5 (8TB usable)	USS-DAS-12H5-08	12TB RAID-5 w/HS (8TB usable)
USS-DAS-12R5-10	12TB RAID-5 (10TB usable)	USS-DAS-14H5-10	14TB RAID-5 w/HS (10TB usable)
USS-DAS-14R5-12	14TB RAID-5 (12TB usable)	USS-DAS-16H5-12	16TB RAID-5 w/HS (12TB usable)
USS-DAS-18R5-15	18TB RAID-5 (15TB usable)	USS-DAS-21H5-15	21TB RAID-5 w/HS (15TB usable)
USS-DAS-21R5-18	21TB RAID-5 (18TB usable)	USS-DAS-24H5-18	24TB RAID-5 w/HS (18TB usable)
USS-DAS-24R5-21	24TB RAID-5 (21TB usable)	USS-DAS-27H5-21	27TB RAID-5 w/HS (21TB usable)
USS-DAS-27R5-24	27TB RAID-5 (24TB usable)	USS-DAS-30H5-24	30TB RAID-5 w/HS (24TB usable)
USS-DAS-30R5-27	30TB RAID-5 (27TB usable)	USS-DAS-33H5-27	33TB RAID-5 w/HS (27TB usable)
USS-DAS-33R5-30	33TB RAID-5 (30TB usable)	USS-DAS-36H5-30	36TB RAID-5 w/HS (30TB usable)
USS-DAS-36R5-33	36TB RAID-5 (33TB usable)	USS-DAS-40H5-32	40TB RAID-5 w/HS (32TB usable)
USS-DAS-40R5-36	40TB RAID-5 (36TB usable)	USS-DAS-44H5-36	44TB RAID-5 w/HS (36TB usable)
USS-DAS-44R5-40	44TB RAID-5 (40TB usable)	USS-DAS-48H5-40	48TB RAID-5 w/HS (40TB usable)
USS-DAS-48R5-44	48TB RAID-5 (44TB usable)		
<b>USS Direct Attached Storage, Raid-6</b>			
USS-DAS-08R6-04	8TB RAID-6 (4TB usable)		
USS-DAS-10R6-06	10TB RAID-6 (6TB usable)		
USS-DAS-12R6-08	12TB RAID-6 (8TB usable)		
USS-DAS-14R6-10	14TB RAID-6 (10TB usable)		
USS-DAS-16R6-12	16TB RAID-6 (12TB usable)		
USS-DAS-21R6-15	21TB RAID-6 (15TB usable)		
USS-DAS-24R6-18	24TB RAID-6 (18TB usable)		
USS-DAS-27R6-21	27TB RAID-6 (21TB usable)		
USS-DAS-30R6-24	30TB RAID-6 (24TB usable)		
USS-DAS-33R6-27	33TB RAID-6 (27TB usable)		
USS-DAS-36R6-30	36TB RAID-6 (30TB usable)		
USS-DAS-40R6-32	40TB RAID-6 (32TB usable)		
USS-DAS-44R6-36	44TB RAID-6 (36TB usable)		
USS-DAS-48R6-40	48TB RAID-6 (40TB usable)		

### Accessories

Part Number	Description
USS-DAS-PERC	Premium External RAID Controller for server

(TB) = Terabytes