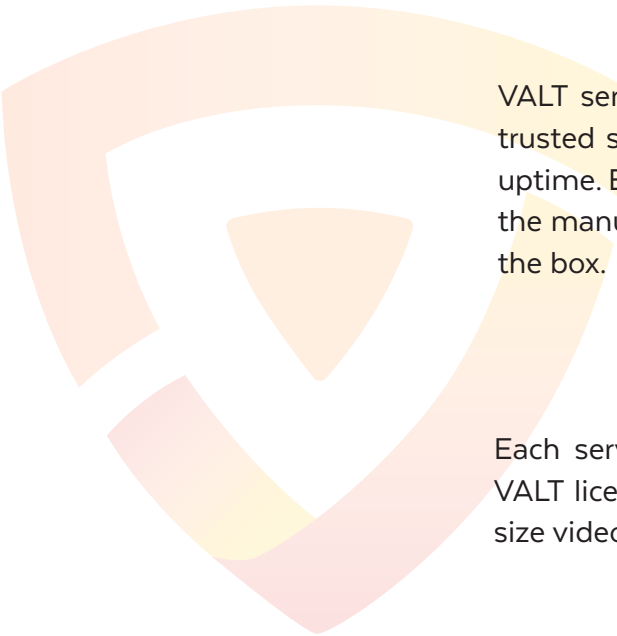> " INTELLIGENT VIDEO SOLUTIONS OFFERS A DISCIPLINED, ENTERPRISE CLASS TOOL. VALT FITS, WORKS AND IS SECURE. "
>
> Michael Barr, CIO
> *Mt. Royal University*

VALT servers are Tier One platforms and feature the industry's most trusted suppliers hand-selected for video optimization and maximum uptime. Every component is tested, validated, and burned before leaving the manufacturing environment to ensure your system performs out of the box.

Each server is meticulously prepared in our configuration center with VALT licensing and software to create a custom-built appliance for any size video observation and recording project.
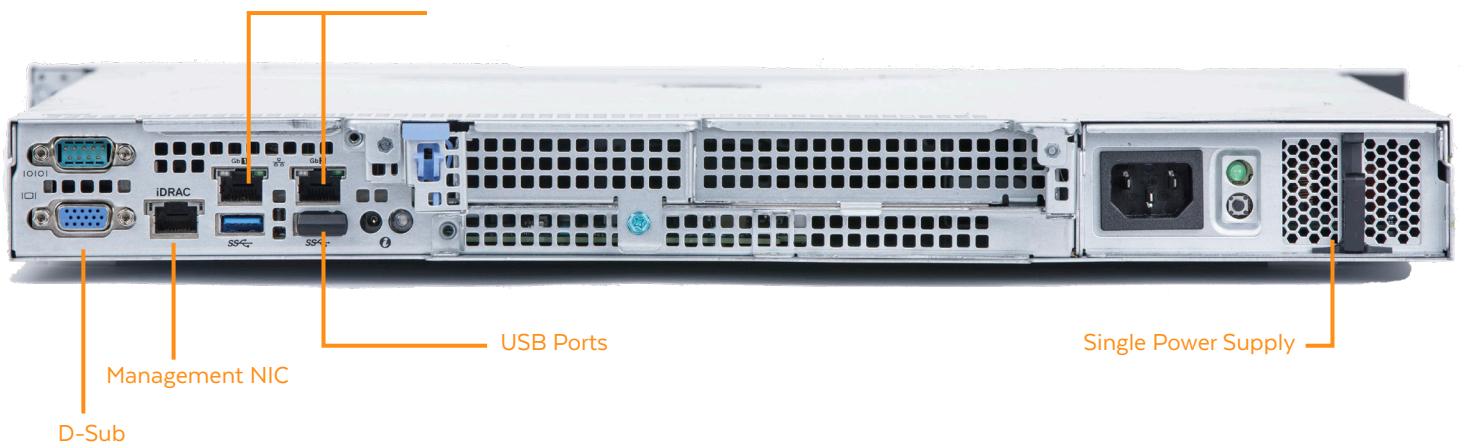
INTELLIGENT VIDEO SOLUTIONS

The R1A4S is 1U short-depth chassis featuring an Intel Xeon 6 Performance 6337P CPU, 16 GB RAM, RAID 1 SSD OS and 4 TB RAID 1 video optimized drives. This appliance is benchmarked to manage up to 10 1080p cameras offering 2,000 hours* of video archive.

TECHNICAL SPECIFICATIONS

MODEL NAME	R1A4S
FORM FACTOR	1U
CAMERAS	10
OS	UBUNTU LINUX 24.04
OS DRIVE	BOSS CONTROLLER CARD + WITH 2 M.2 STICKS 480G
STORAGE	4 TB
RAID OS	RAID 1 SSD
RAID STORAGE	RAID 1, HOT SWAP
RAID CONTROLLER	PERC H355 RAID CONTROLLER, LOW PROFILE
CPU	INTEL XEON 6 PERFORMANCE 6337P
CACHE	18 MB
CORES	6
THREADS	12
SPEED	3.5 GHZ
MEMORY	(1) 16GB 5600MT/S DDR5 ECC UDIMM
HEIGHT X WIDTH X DEPTH	1.7" X 17.08" X 23.45"
MOUNTING RAILS	1U/2U 2/4-POST STATIC RAILS
APPLIANCE WEIGHT	21 LBS
SHIPPING WEIGHT	37 LBS
MOTHERBOARD	POWEREDGE R260 MOTHERBOARD
POWER SUPPLY	SINGLE, CABLED POWER SUPPLY, 450W
AVG. POWER CONSUMPTION	160W
BTU/HR	546
VIDEO STORAGE	2,000 HOURS*

USB Ports

Single Power Supply

Management NIC

D-Sub

All VALT Servers are backed by a 5-year next business day on-site repair warranty.
To request warranty services please contact Intelligent Video Solutions by phone: 262-746-9290 or email: support@ipivs.com.

* Estimated retention hours for use with 1080P cameras for 720P cameras multiply by 2
Additional information available at ipivs.com/products/#servers