> "INTELLIGENT VIDEO SOLUTIONS OFFERS A DISCIPLINED, ENTERPRISE CLASS TOOL. VALT FITS, WORKS AND IS SECURE."
>
> Michael Barr, CIO
> *Mt. Royal University*
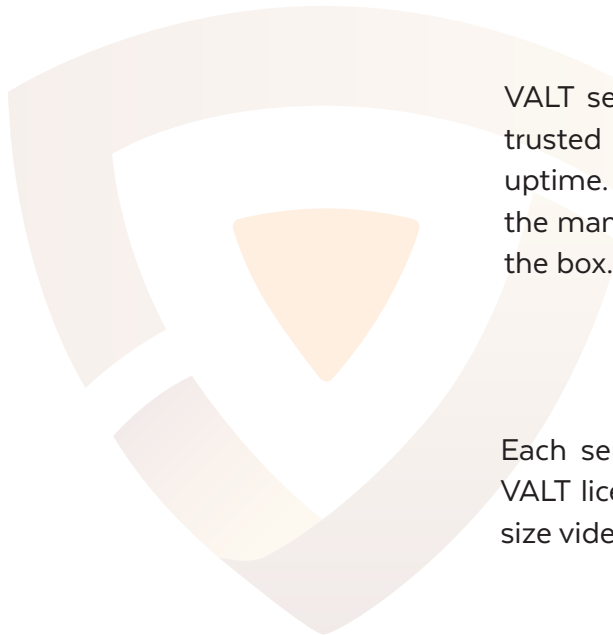
VALT servers are Tier One platforms and feature the industry's most trusted suppliers hand-selected for video optimization and maximum uptime. Every component is tested, validated, and burned before leaving the manufacturing environment to ensure your system performs out of the box.

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.

The R1Y2S is 1U short-depth chassis featuring a single Intel Core i3-8100 CPU, 8 GB RAM, RAID 1 SSD OS and 2 TB RAID 1 video optimized drives. This appliance is benchmarked to manage up to five 1080p cameras offering 1,000 hours* of video archive.

TECHNICAL SPECIFICATIONS

MODEL NAME	R1Y2S
FORM FACTOR	1U
CAMERAS	5
OS	UBUNTU LINUX 20.04
OS DRIVE	256GB SSD
STORAGE	2 TB
RAID OS	RAID 1 SSD
RAID DATA	RAID 1
# CPUS	1
CPU	INTEL CORE I3-8100
CACHE	6 MB
CORES	4
THREADS	4
SPEED	3.6 GHZ
MEMORY	(1) 8 GB 2666MT/S DDR4 ECC UDIMM
HEIGHT X WIDTH X DEPTH	1.7" X 17.08" X 23.45"
MOUNTING RAILS	YES
MOUNTING	1U/2U STATIC RAILS FOR 2-POST AND 4-POST RACKS
APPLIANCE WEIGHT	21 LBS
SHIPPING WEIGHT	37 LBS
MOTHERBOARD	POWEREDGE R240 XL MOTHERBOARD
POWER SUPPLY	SINGLE, CABLED POWER SUPPLY, 250W
AVG. POWER CONSUMPTION	160W
BTU/HR	546
VIDEO STORAGE	1,000 HOURS*

Management NIC

USB Ports

Single Power Supply

D-Sub
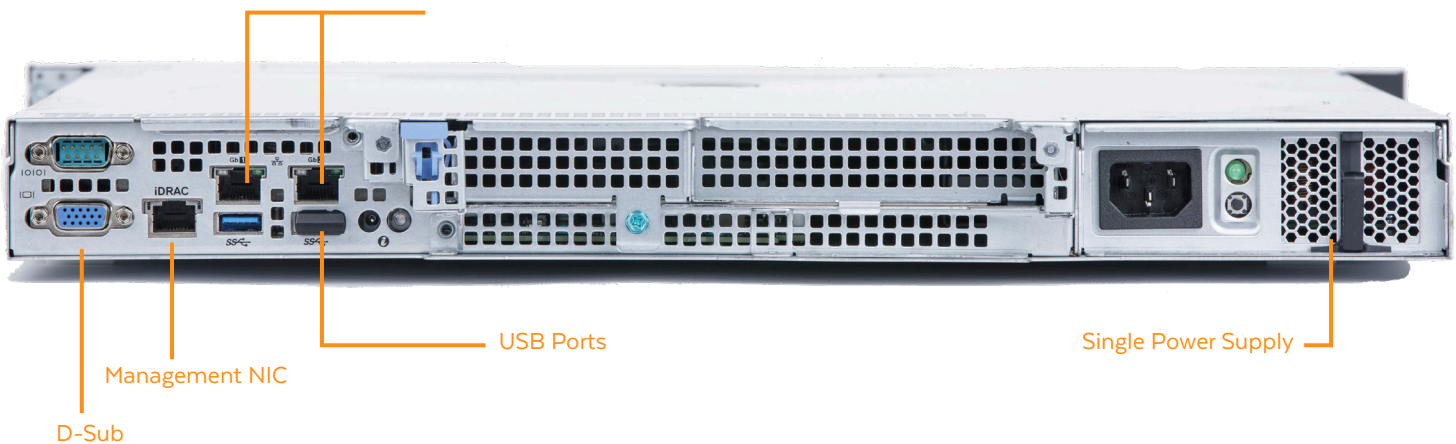
All VALT Servers are backed by a 3 year next business day on-site repair warranty
To request warranty services please contact Intelligent Video Solutions by phone: 262-746-9290 or email: support@ipivs.com.

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