

Enterprise Level

POWERULTRA

Salient's PowerUltra is a 2U rack-mount NVR designed to handle complex video surveillance requirements utilizing highly scalable and extended storage options, superior I/O throughput, and robust processing capability, making it ideally suited for intensive digital video processing. Tailor your enterprise video requirements with the PowerUltra's offering of high performance CPU power, 48GB memory, hot-swappable hard drives and dual redundant hot-plug power supplies.

The lower overall system-level power draw is the result of breakthrough system design. The PowerUltra NVR maximizes performance per watt through a combination of power and cooling, and energy efficient technologies and tools.

FEATURES

- Record, live view, playback, archive video
- Hybrid NVR for analog (max 64 channels) and IP cameras
- Rack mount 2U form factor
- Front access with locking bezel for hotswap



POWERULTRA

SYSTEM SPECS

Operating System	Windows Server 2019 Standard Embedded
Processor	Single Intel Xeon
Memory	48GB
Network	Quad 1Gbe NICs
Hybrid Capable	Up to 64 direct connected analog cameras. Requires 2 PCI-e slots for up to 64 channels
IP Camera Support	Yes
Hard Drive (OS)	2 - 250GB SSD in RAID 1 configuration
Hard Drive (Video Storage)	Up to 132TB
RAID Controller	Yes
RAID Level of Storage	5 or 6
# of Hot Spares Supported	1 or 2

Graphics Adapter	Integrated
Max Resolution	1920x1200
Video Display Ports	1 VGA (front), 1 VGA (rear)
USB Ports	2 USB 2.0 (front), 2 USB 3.0 (rear)
Other Ports	1 serial port (rear)
PCIe Slots	2x FHFL x8, 1x FHHL, 1x LPHL
Optical Drive	Optional external USB attached DVD-RW
Accessories	Keyboard, mouse & rail kit included
TPM Support	Yes
Life Cycle Controller	iDRAC 9
Life Cycle Controller Software	ACIA - iDRAC Enterprise software license for PowerUltra or PowerPlus with iDRAC V9
DAS Support	Yes - PERC RAID controller required. Part number ACDB. Requires 1 PCI-E slot

CHASSIS FEATURES

Form Factor	2RU Rackmount
Height	3.42 inches (86.8 mm)
Width	18.98 inches (482.0 mm)
Depth	28.17 inches (715.5 mm)
Weight	63.05 lbs (28.6kg)

WARRANTY

3 and 5 year (basic, NBD, or 4HR)

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OPERATING ENVIRONMENT

Operating Temp.	50°F - 95°F (10°C - 35°C)
Power Supply	Dual 750W - 100 to 240VAC auto ranging and redundant
Relative Humidity	
Operating:	10% - 80% non-condensing Max dew point 84.2°F
Storage:	5% - 95% non-condensing Max dew point 91°F
BTU	2891 BTU/hr

