

Enterprise Level

# POWERULTRA

Salient's PowerUltra is a 2U rack-mount NVR designed to handle complex video surveillance requirements utilizing highly scalable memory, I/O capabilities and extended storage capacity, 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-plug swappable hard drives and dual hot-plug redundant 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 2012 R2 Standard Embedded |
| Processor                  | Dual Intel Xeon                          |
| Memory                     | 48GB                                     |
| Network                    | Quad 1Gbe NICs                           |
| Hybrid Capable             | Up to 64 Direct connected analog cameras |
| IP Camera Support          | Yes                                      |
| Hard Drive (OS)            | 2 - 200GB 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)                                    |
| 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 | ACIU - iDRAC Enterprise software license for PowerUltra |
| DAS Support                    | Yes, PERC RAID controller required. Part number ACDB    |

## 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)

## 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<br>Max dew point 84.2°F     |
| Storage:          | 5% - 95% non-condensing<br>Max dew point 91°F        |
| BTU               | 2891 BTU/hr  |