WRR-P-E201x2

WAVE Recording Server

Key Features

· 1U rackmount VMS solution, preloaded and configured with Wisenet WAVE video management system
· Up to 80TB of raw video-optimized storage
· 470 Mbps of recording throughput
· SSD & 24/7 Duty Cycle Drives
· Shallow Depth Server
· Includes USB mouse and keyboard
· Includes Sliding Rack Rail with Cable Management Arm
· 5-Year, Next Business Day, Keep Your Hard Drive Warranty
· Supports Wisenet and ONVIF conformant IP cameras
· Supports up to 128 channels
· IPMI Management
· Powered by Microsoft Windows 11 IoT LTSC 2024, Server 2022, or Ubuntu 22.04

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WAVE Recording Server

x = (W) Windows IoT, (S) Windows Server, (L) Ubuntu

Specifications

System

Video Management Software	Wave VMS
Recording Bandwidth	Up to 470 Mbs * Bandwidth performance figures based on performance testing by **Hanwha Vision** using Wave VMS
Included Licenses	4 x Wave Professional License
OS Drive Bays	2 x 480GB Dual RAID 1 SSD (Internally Mounted)
Data Drive Bays	4 x 3.5" Front Hot Swappable Bays
Data Storage	Up to 80TB raw storage
RAID Support	RAID 0, 1, 5, 6, 10 (RAID 5 default configuration)
Network Interface	2 x RJ45 GbE (default), 2 x RJ45 + 2 x 10GbE RJ45 (optional)
Processor	1 x Intel Xeon 6333P
Memory	16GB, 2 x 8GB DDR5
Operating System	Windows 11 IoT Enterprise LTSC 2024 / Windows Server 2022 Standard / Ubuntu 22.04 LTS
Video Outputs	Nvidia T400 3x mDP, 1 x VGA, 1x mDP to HDMI adaptor
USB Ports	2 x USB 3.2 (Front), 2 x USB 3.2 (Rear)
Other Ports	Serial
Keyboard & Mouse	Included
Sliding Rail Kit	Included, with Cable Management Arm

Mechanical/Electrical/Environmental

Mechanical	Form Factor: 1U rack mount chassis
	Color / Material: Black/Metal
	Dimensions (WxDxH): 17.3"(440mm) x 19.6"(498mm) x 1.7"(44mm)
	Weight: 50 lbs (23 kg) * Weight is on chassis without HDD's
Electrical	Power Supply: (2) 450W 80 Plus Platinum
	Power Input: 100 – 240 VAC
	Heat Dissipation: 1725 Max BTU/hr
Environmental	Operating Temperature: 50℉ – 95℉ (10℃ – 35℃)
	Storage Temperature: –40℉ to 158℉ (–40℃ to 70℃)
	Operating Humidity: 10% to 80% RH with 29℃ (84.2℉) maximum dew point
Certifications	BSMI, CE, FCC (Class A), UL/cUL equivalent (MET/Eurofins)

Effective Storage Capacity

Model	RAW/RAID 5
WRR-P-E201X-16TB	16TB/11TB
WRR-P-E201X-32TB	32TB/21TB
WRR-P-E201X-48TB	48TB/32TB
WRR-P-E201X-64TB	64TB/43TB
WRR-P-E201X-80TB	80TB/54TB

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General

The WRR-P-E201x2 series offers an affordable and reliable
1U rackmount solution for any entry level deployment.
Up to 80TB of raw video-optimized storage is provided
by 24/7 duty cycle SATA/SAS drives.
The latest Intel® Xeon® Processor allows for high powered
computing power, and 16GB of DDR5 RAM provides the
system resources to scale as needed.
A dedicated solid state drive for applications and the
operating system enables fast boot and load times. Supports
RAID 0, 1, 5, 6, and 10 storage configuration allowing for
increased reliability, and a 5-year, on-site, Next Business Day,
Keep Your Hard Drive warranty ensures peace of mind.

Each server is pre-loaded with WAVE VMS and comes with 4 Professional licenses
to ensure quick and easy deployment with minimum setup time.
*NBD, on-site warranty time starts once the root cause of the issue(s) have been identified