

WRR-5501/5501L

Wisenet WAVE Network Video Recorder



WRR-5501 series servers are Wisenet WAVE optimized 2U rackmounted Network Video Recorders capable of recording up to 470Mbps, managing up to 96TB of storage pre-configured for RAID 6, and available in both Windows 10 IoT and Linux Ubuntu OS.

The combination of a redundant power supply and various RAID configurations make the WRR-5501 series the ideal solution for reliable storage of large amounts of video data. Each is pre-configured with Wisenet WAVE VMS and preloaded with 4 Professional licenses to ensure quick and easy deployment with minimum setup time.

Key Features

- Preloaded and configured with Wisenet WAVE video management system
- Includes (4) four Wisenet WAVE Professional licenses
- 470 Mbps of recording throughput
- Preconfigured for RAID 6
- Up to 96TB internal storage
- Supports RAID 0/1/5/6/10/50/60 and includes Backup Battery Unit (BBU)
- Redundant 800W power supply
- Includes USB mouse and keyboard
- Includes a sliding rail kit
- Includes front bezel with lock
- Supports Wisenet and ONVIF conformant IP cameras
- Available in Windows 10 IoT Enterprise and Linux Ubuntu 16.04 LTS

EFFECTIVE STORAGE CAPACITY*

MODEL	RAW STORAGE	RAID EFFECTIVE STORAGE	
		RAID5	RAID6
WRR-5501-16TB WRR-5501L-16TB	16TB	12TB	8TB
WRR-5501-20TB	20TB	16TB	12TB
WRR-5501-24TB	24TB	20TB	16TB
WRR-5501-28TB	28TB	24TB	20TB
WRR-5501-32TB WRR-5501L-32TB	32TB	28TB	24TB
WRR-5501-36TB	36TB	32TB	28TB
WRR-5501-40TB WRR-5501L-40TB	40TB	36TB	32TB
WRR-5501-44TB	44TB	40TB	36TB
WRR-5501-48TB WRR-5501L-48TB	48TB	44TB	40TB
WRR-5501-54TB	54TB	48TB	42TB
WRR-5501-60TB	60TB	54TB	48TB
WRR-5501-66TB WRR-5501L-66TB	66TB	60TB	54TB
WRR-5501-80TB	80TB	72TB	64TB
WRR-5501-88TB	88TB	80TB	72TB
WRR-5501-96TB WRR-5501L-96TB	96TB	88TB	80TB

* Actual usable space is dependent on file system format and allocation size

	WRR-5501	WRR-5501L
SYSTEM		
Video Management Software	Wisenet WAVE	
Pre-loaded Licenses	4x Wisenet WAVE Professional license	
Recording Bandwidth	Up to 470 Mbps	
OS Drive Bays	1 x 256GB SSD (internally mounted)	
Data Drive Bays	12 x 3.5" HDD (Hot-Swappable)	
Data Storage	Up to 96TB raw, pre-configured for RAID 6	
RAID Support	RAID 0/1/5/6/10/50/60 + BBU	
Network Interface	2 x RJ-45, Gigabit Ethernet	
Processor	Intel Core i5-7500, 3.4GHz	
Memory	8GB DDR4	
Operating System	Windows 10 IoT Enterprise	Linux Ubuntu 16.04 LTS
Video Outputs	1x Display Port (rear), 1x HDMI (rear), 1x DVI (rear)	
USB Ports	6x USB 3.0 (rear), 2x USB 3.0 (front)	
Other Ports	3.5mm audio in/out, 1x SPDIF out	
Keyboard & Mouse	Included	
Sliding Rail Kit	Included	
MECHANICAL / ELECTRICAL / ENVIRONMENTAL		
Mechanical	Form Factor	2U rack mount chassis
	Color / Material	Black / Metal
	Dimensions	26" x 17.2" x 3.5" (660mm x 438mm x 87mm)
	Weight	30.86lb (14kg)
Electrical	Power Supply	800W Redundant
	Power Input	100 ~ 240V AC
Environmental	Operating Temperature	32°F to 122°F (0°C to 50°C)
	Storage Temperature	-40°F to 158°F (-40°C to 70°C)
	Operating Humidity	5% to 85% RH, non-condensing
Certification	UL, cUL, CB, FCC, 80 Plus Platinum	

* Weight is on chassis without HDDs
 * The latest product information / specification can be found at www.hanwhasecurity.com
 * Bandwidth performance figures based on performance testing by Hanwha Techwin using Wisenet WAVE

Dimensions

Unit: inch (mm)

