

# WRR-5501

Wisenet WAVE Network Video Recorder



The WRR-5501 is a Wisenet WAVE optimized 2U rack-mounted Network Video Recorder capable of managing up to 96TB of storage. The combination of a redundant power supply and various RAID configurations make the WRR-5501 the ideal solution for reliable storage of large amounts of video data. The NVR 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

**WRR-5501 RAID EFFECTIVE STORAGE CAPACITY\***

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

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

## WRR-5501

### SYSTEM

Video Management Software	Wisenet WAVE
Pre-loaded Licenses	4x Wisenet WAVE Professional license
Recording Bandwidth	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
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
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](http://www.hanwhasecurity.com)

\* Bandwidth performance figures based on performance testing by Hanwha Techwin using Wisenet WAVE

## Dimensions

Unit: inch (mm)

