

WRR-P-S202x1 Series

Wisenet WAVE Network Video Recorder

WRR-P-S202W1 / WRR-P-S202S1 / WRR-P-S202L1



The WRR-P-S202x1 series offers an affordable and reliable 2U rackmount solution for any entry level deployment. Up to 224TB of raw video-optimized storage is provided by 24/7 duty cycle SATA drives.

The latest Intel® Xeon® Processor allows for high powered computing power, and 16GB of DDR4 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-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
- 470 Mbps of recording throughput
- Pre-configured for RAID 6
- Up to 224TB of Raw Storage
- Supports RAID 0, 1, 5, 6, 10 configurations
- SSD & 24/7 Duty Cycle SATA Drives
- IPMI Management
- Includes USB mouse and keyboard
- Includes Sliding Rack Rail with Cable Management Arm
- 5-Year, On-site, Next Business Day, Keep Your Hard Drive Warranty
- Supports Wisenet and ONVIF conformant IP cameras
- Dedicated GPU for client application for easy configuration



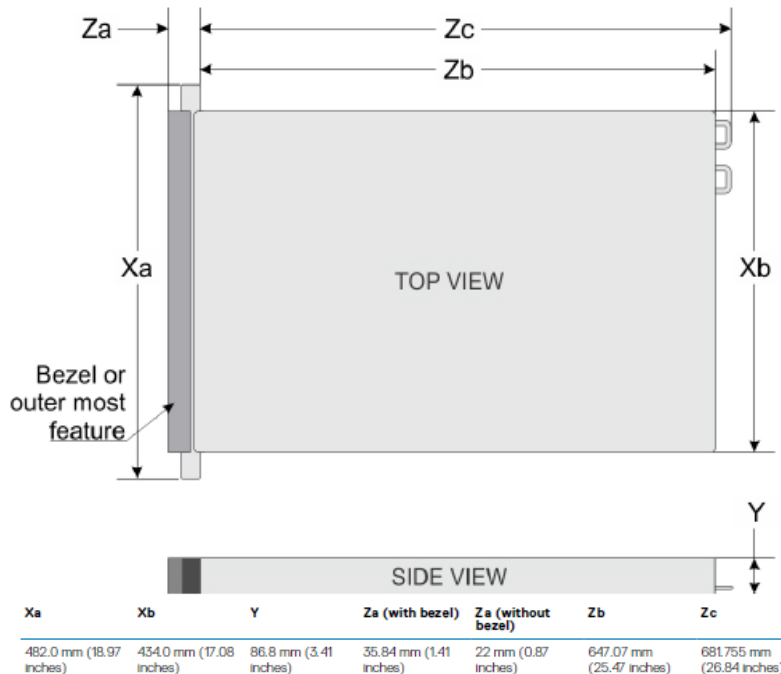
SYSTEM	
Video Management Software	Wisenet WAVE
Recording Bandwidth	Up to 470 Mbps
Pre-loaded Licenses	4 x Wisenet WAVE Professional License
OS Drive Bays	2 x 240GB Dual RAID 1 SSD (internally mounted)
Data Drive Bays	12 x 3.5" Front Hot Swappable Bays / 2 x 3.5" Rear Hot Swappable Bays
Data Storage	Up to 224TB raw storage
RAID Support	RAID 0, 1, 5, 6, 10, 8Gb NV Cache (RAID 6 default configuration)
Network Interface	4 x RJ45 Gigabit Ethernet
Processor	1 x Intel® Xeon® Processor
Memory	16 GB, 2 x 8GB DDR4
Operating System	Windows 10 IoT Enterprise / Windows Server 2019 Standard / Ubuntu 20.04 LTS
Video Outputs	NVIDIA Quadro T400 3x MiniDisplay Port (1x HDMI adapter), 1 x VGA
USB Ports	2 x USB 3.0 (Rear), 2 x USB 2.0 (Front), 1 x USB 3.0 (Internal)
Other Ports	Serial
Keyboard & Mouse	Included
Sliding Rail Kit	Included, with Cable Management Arm

MECHANICAL / ELECTRICAL / ENVIRONMENTAL		
Mechanical	Form Factor	2U rack mount chassis
	Color / Material	Black / Metal
	Dimensions (WxDxH)	19" (482.6mm) x 28.15" (646mm) x 3.4" (86.8mm)
	Weight	73 lbs. (33.1 kg)
Electrical	Power Supply	(2) 1100W 80 Plus Platinum
	Power Input	100 ~ 240V AC
	Power Consumption	Maximum 788W
Environmental	Operating Temperature	Standard: 50°F ~ 95°F (10°C ~ 35°C) at 10% to 80% RH with 84.2°F maximum dew point. Refer to manual for operating temperature derating. Extended: 40°F ~ 104°F (5°C ~ 40°C) at 5% to 85% RH with 84.2°F dew point.
	Storage Temperature	-40°F ~ 149°F (-40°C ~ 65°C)
	Operating Humidity	10% to 80% RH with 84.2°F maximum dew point.
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)



WRR-P-S202x1 Series

Wisenet WAVE Network Video Recorder



*Pre-configured for RAID 6,
Supports RAID 0, 1, 5, 6, 10 configurations.

EFFECTIVE STORAGE CAPACITY*

MODEL	RAW STORAGE (TB)	RAID 5 EFFECTIVE STORAGE (TB)	RAID 6 EFFECTIVE STORAGE (TB)
WRR-P-S202x1-16TB	16	10	7
WRR-P-S202x1-20TB	20	14	10
WRR-P-S202x1-24TB	24	18	14
WRR-P-S202x1-28TB	28	21	18
WRR-P-S202x1-32TB	32	25	21
WRR-P-S202x1-40TB	40	32	29
WRR-P-S202x1-48TB	48	40	36
WRR-P-S202x1-64TB	64	50	43
WRR-P-S202x1-80TB	80	65	58
WRR-P-S202x1-96TB	96	80	72
WRR-P-S202x1-108TB	108	87	76
WRR-P-S202x1-120TB	120	98	87
WRR-P-S202x1-132TB	132	109	98
WRR-P-S202x1-144TB	144	120	109
WRR-P-S202x1-156TB	156	131	120
WRR-P-S202x1-172TB	176	145	131
WRR-P-S202x1-192TB	192	160	145
WRR-P-S202x1-208TB	208	174	160
WRR-P-S202x1-224TB	224	189	174

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