WRT-P-3104x1 Series

WAVE Recording Server

Key Features

· Preloaded and configured with Wisenet WAVE video management system and tools
· Up to 16TB of raw storage
· 170 Mbps of recording throughput
· Includes (4) Wisenet WAVE Professional licenses
· Includes USB mouse and keyboard
· 5-Year, Next Business Day, Keep Your Hard Drive Warranty
· Supports Wisenet and ONVIF conformant IP cameras
· Supports up to 64 channels
· Powered by Microsoft Windows 11 IoT LTSC 2024, Ubuntu 22.04 LTS

Design and specifications are subject to change without notice. The latest product information / specification can be found at www.hanwhavisionamerica.com
Hanwha Vision is formerly known as Hanwha Techwin.

WRT-P-3104x1

WAVE Recording Server

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

Specifications

System

Video Management Software	Wave VMS
Recording Bandwidth	Up to 170 Mbps * Bandwidth performance figures based on performance testing by **Hanwha Vision** using Wave VMS
Included Licenses	4 x Wave Professional License
OS Drive Bays	1 x 512GB M.2 SSD (Internally Mounted)
Data Drive Bays	3 x 3.5" Front Hot Swappable Bays
Data Storage	Up to 16TB raw storage
Network Interface	2x 1GbE RJ45
Processor	1 x Intel Core i3 14th Gen
Memory	16GB
Operating System	Windows 11 IoT Enterprise LTSC 2024 / Ubuntu 22.04 LTS
Video Outputs	1x DP, 1x HDMI
USB Ports	Front: 2x USB 2.0, 1x USB 3.2 Gen2, 1x USB 3.2 Gen 2x2 Type-C
	Rear: 2x USB 2.0 + 2x USB 3.2 Gen1
Other Ports	Front: 1x 3.5mm Universal Audio
Keyboard & Mouse	Included

Mechanical/Electrical/Environmental

Mechanical	Form Factor: mini-tower
	Color / Material: Black/Metal
	Dimensions (WxDxH): 6.06"(154mm) x 11.54"(293mm) x 12.77"(324.30mm)
	Weight: 14.95 lbs (6.78 kg) * Weight is on chassis without HDD's
Electrical	Power Supply: 360W 80 Plus Platinum
	Power Input: 100 - 240 VAC
Environmental	Operating Temperature: 50F - 95F (10C - 35C)
	Storage Temperature: -40F to 149F (-40C to 65C)
	Operating Humidity: 20% to 85% (non-condensing)
Certifications	UL, cUL,CB,FCC, 80 Plus Platinum

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2/3

Effective Storage Capacity

Model	RAW/RAID 5/RAID 6
WRT-P-3104x1-4TB	4/NA/NA
WRT-P-3104x1-8TB	8/NA/NA
WRT-P-3104x1-12TB	12/NA/NA
WRT-P-3104x1-16TB	16/NA/NA

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

General

The WRT-P-3104x1 series dual purpose Wisenet WAVE server and client is built into a compact mini-tower form running Windows 11 IoT Enterprise LTSC 2024 or Ubuntu Linux 22.04 LTS. This ready to deploy solution can manage up to 170 Mbps of recording throughput and up to 16TB of storage for a single site or as an addition to your existing Wisenet WAVE system. Each comes with Wisenet WAVE VMS and 4 Professional licenses to ensure quick an easy deployment with minimum setup time.