



WRN-816S

Edge Wave NVR



Key Features

- Supported by Wave client, mobile and Cloud Sync
- Supports AI metadata
- 150 Mbps of recording throughput
- Supports up to 20TB internal storage
- HDMI/DP monitor outputs for configuration and basic monitoring
- 8 PoE/PoE+ ports, with a total power budget of 100W
- Includes USB mouse and rack mount brackets

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Specifications

Display		
Decoding	Local Display	HDMI (1), DP (1)
Performance		
Operating System	Embedded	Ubuntu 22.04 LTS
Record	Recording Bandwidth	Max. 150Mbps
Storage	Supported HDD	Up to 10TB
	HDD Slot	SATA 2ea (Max. 20TB)
Interface		
Front	Indicator	Power, Network, HDD
HDMI	1 EA	
DP	1 EA	
Audio	Audio output	
Ethernet	PoE RJ-45(LAN, 10/100) 8 EA, RJ-45 2ea (WAN, 1Gbps)	
USB	Front USB 2.0(2), Rear USB 3.0(2)	
Environmental		
CPU	Dual core	
RAM	DDR4 8GB	
OS HDD	eMMC 32GB	
Operating Temperature	0°C to +40°C (32°F to 104°F)	
Operating Humidity	20% ~ 85% RH	
Electrical		
Power Input	100 ~ 240 VAC ±10%; 50/60 Hz	
Power Consumption	170W	
PoE Budget	100W	
Mechanical		
Color / Material	Black / Metal	
Dimension (WxHxD)	370.0mm(14.57") x 50.7mm(2.0") x 320mm(12.60")	
Weight	2.78Kg	

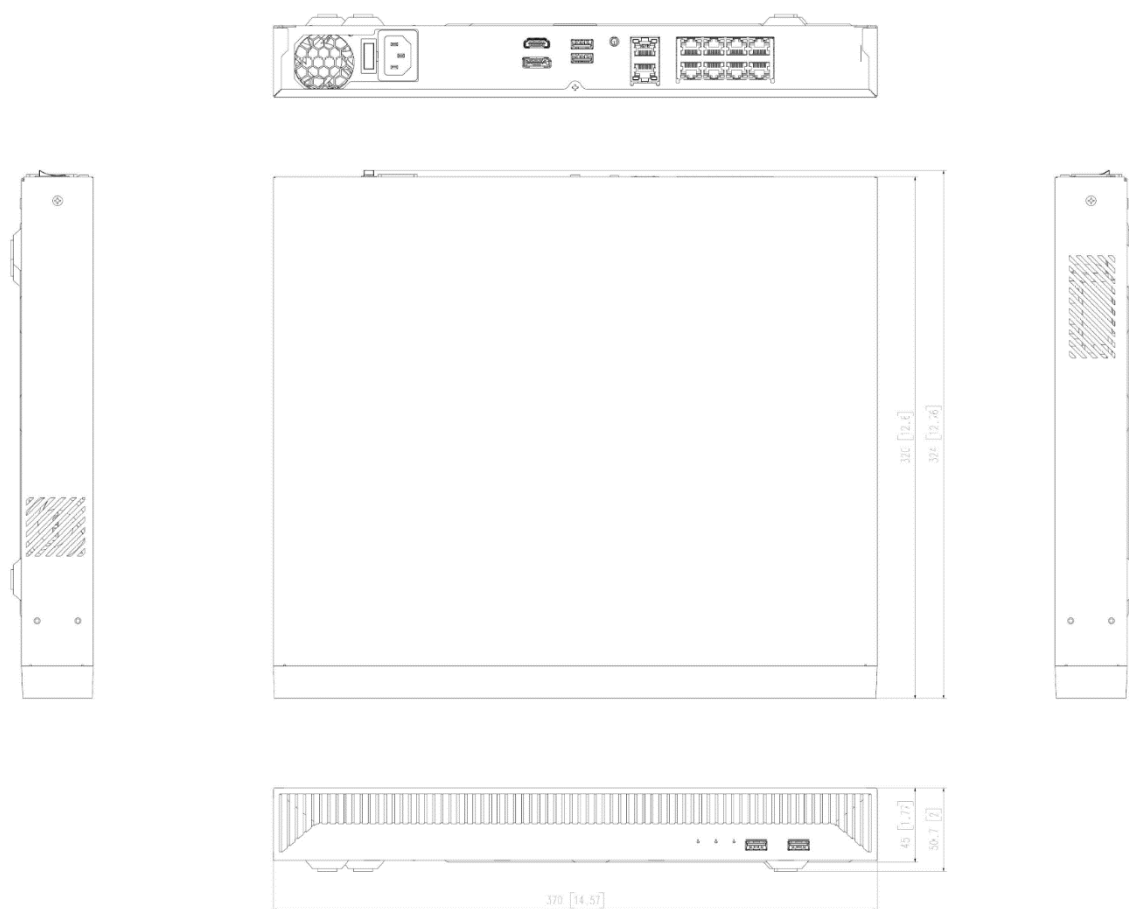
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CAD

Unit:mm [inch]



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Local Client Software Decoding

	In most cases there is no problem with decoding. Although depending on the user's operating conditions, a video stream may occasionally freeze or stop
	Not recommended

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Codec	Monitor Resolution	CH	Wave Secondary (640x360, 7fps)	2MP (1920x1080, 30fps)	8MP (3840x2160, 30fps)
H.264	4K Single	1ch			
		4ch			
		9ch			
		16ch			
		36ch			
	FHD Single	1ch			
		4ch			
		9ch			
		16ch			
		36ch			
	FHD Dual(Expand)	1ch+1ch			
		2ch+2ch			
		4ch+4ch			
		8ch+8ch			
H.265	4K Single	1ch			
		4ch			
		9ch			
		16ch			
		36ch			
	FHD Single	1ch			
		4ch			
		9ch			
		16ch			
		36ch			
	FHD Dual(Expand)	1ch+1ch			
		4ch+4ch			
		8ch+8ch			