



# WRN-1632S

Edge Wave NVR



## Key Features

- Supported by Wave client, mobile and Cloud Sync
- Supports up to 32 channels
- Supports AI metadata
- 250 Mbps of recording throughput
- Supports up to 40TB internal storage
- HDMI/DP monitor outputs for configuration and basic monitoring
- 16 PoE/PoE+ ports, with a total power budget of 200W
- 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. 250Mbps                           |
| Storage               | Supported HDD                                        | Up to 10TB                             |
|                       | HDD Slot                                             | SATA 4ea (Max. 40TB)                   |
| Interface             |                                                      |                                        |
| Front                 | Indicator                                            | Power, Network, HDD1, HDD2, HDD3, HDD4 |
| HDMI                  | 1 EA                                                 |                                        |
| DP                    | 1 EA                                                 |                                        |
| Audio                 | Audio output                                         |                                        |
| Ethernet              | PoE RJ-45(LAN, 10/100) 16 EA, RJ-45 2ea (WAN, 1Gbps) |                                        |
| USB                   | Front USB 2.0(2), Rear USB 3.0(2)                    |                                        |
| Environmental         |                                                      |                                        |
| CPU                   | Quad 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     | 340W                                                 |                                        |
| PoE Budget            | 200W                                                 |                                        |
| Mechanical            |                                                      |                                        |
| Color / Material      | Black / Metal                                        |                                        |
| Dimension (WxHxD)     | 440 x 89.8 x 428.4 mm                                |                                        |
| Weight                | 5.56Kg                                               |                                        |

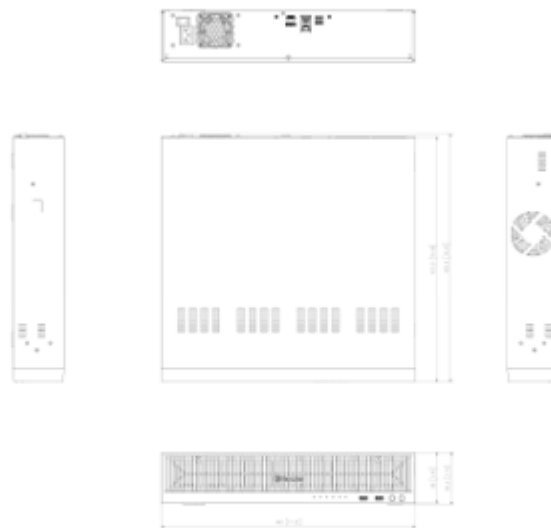
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CAD

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                                                                                                                                        |

| WRN-1632S / WRN-1632 |                    |         |                                   |                           |                           |
|----------------------|--------------------|---------|-----------------------------------|---------------------------|---------------------------|
| Codec                | Monitor Resolution | CH      | Wave Secondary<br>(640x360, 7fps) | 2MP<br>(1920x1080, 30fps) | 8MP<br>(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 |                                   |                           |                           |