



# Wall Mount Hybrid DVR with Smart Analytics

## H6WHRLN

6-Channel Wall Mount Hybrid Digital Video Recorder  
4 Configurable Hybrid Channels (TVI or IP) plus 2 IP Channels

## H16WHRLN

16-Channel Wall Mount Hybrid Digital Video Recorder  
8 Configurable Hybrid Channels (TVI or IP) plus 8 IP Channels

## H24WHRLN

24-Channel Wall Mount Hybrid Digital Video Recorder  
8 Configurable Hybrid Channels (TVI or IP) plus 8 IP Channels



specoaccess **immix**

### Product Summary

Speco's NDAA compliant WHRLN recorders, will take your footage quality to the next level supporting up to 8MP cameras @ 30 fps.

### Features:

- Supports up to 5MP (HD-TVI + IP) on all channels and 4K (IP) on 1-channel (H6HRLN)
- Supports up to 5MP (HD-TVI + IP) on all channels and 4K (IP) on 8-channels (H16HRLN, H24HRLN)
- H.265 compression - Store up to 2x more than H.264!
- 1 SATA port for up to 20TB of storage (H6HRLN)
- 2 SATA ports for up to 40TB of storage (H16HRLN, H24HRLN)
- 1 eSATA port for an additional 8TB of storage
- 4K HDMI out and VGA monitor output
- Object and line crossing detection and alerts\*
- Smart Search - Specify a region on the camera view and search on changes in that area\*
- 2-way audio communication
- Alarm 4/8/16 inputs, 1/2/4 outputs
- Free US-based DDNS and P2P services
- Remote viewing via web browser, your Apple TV®, Amazon Fire TV®, or your mobile device
- Easy video exporting via USB
- Rack ears included (H16HRLN and H24HRLN)

\*with Speco Smart Analytic IP Cameras

### Additional Features:

- Supports different recording types: Continuous, Motion, Analytics, and Sensor
- Create bookmark pins on playback for easy reference
- Instant playback for individual channels directly from the live view screen
- Customizable channel view placement
- Remote monitoring, recording, playback, configuration, upgrades, and PTZ control via the internet
- Simultaneous HDMI & VGA video output
- Built-in S.M.A.R.T technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- Supports 2-way audio communication (speaker required)

### Compatible Apps



One app to view your Speco Devices on the go (Speco Silver Line not supported at this time).



Access your NR and HR Series Recorder to view and playback videos from your camera.



### Optional Accessories



**P4S6G**  
6-Port Gigabit Network Switch (4 ports PoE, 2 port uplink)



**P8S9G**  
9-Port Gigabit Network Switch (8 ports PoE, 1 ports uplink)



**P24S26G**  
26-Port Gigabit Switch with 24-PoE Ports and 2xSFP Uplink

### Storage: 2TB -20TB

H6WHRLN2TB  
H6WHRLN4TB  
H6WHRLN6TB  
H6WHRLN8TB  
H6WHRLN10TB  
H6WHRLN12TB  
H6WHRLN16TB  
H6WHRLN20TB

### Storage: 2TB - 40TB

|              |              |
|--------------|--------------|
| H16WHRLN2TB  | H24WHRLN2TB  |
| H16WHRLN4TB  | H24WHRLN4TB  |
| H16WHRLN6TB  | H24WHRLN6TB  |
| H16WHRLN8TB  | H24WHRLN8TB  |
| H16WHRLN10TB | H24WHRLN10TB |
| H16WHRLN12TB | H24WHRLN12TB |
| H16WHRLN16TB | H24WHRLN16TB |
| H16WHRLN20TB | H24WHRLN20TB |
| H16WHRLN24TB | H24WHRLN24TB |
| H16WHRLN32TB | H24WHRLN32TB |
| H16WHRLN40TB | H24WHRLN40TB |

### Included Accessories



(1) USB Mouse



(1) Remote Control

# Technical Specifications Video Recorder

| Model                   |                                     | HRLN Series                                                                                                                                                                |                                                                                                                                               |                                                     |
|-------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Channels                |                                     | 6                                                                                                                                                                          | 16                                                                                                                                            | 24                                                  |
| System                  | Compression                         | Standard H.265                                                                                                                                                             |                                                                                                                                               |                                                     |
|                         | OS                                  | Embedded Linux                                                                                                                                                             |                                                                                                                                               |                                                     |
| Video                   | Analog Only Input                   | BNC x4                                                                                                                                                                     | BNC x8                                                                                                                                        | BNC x16                                             |
|                         | Configurable Analog Inputs          | 4                                                                                                                                                                          | 8                                                                                                                                             | 8                                                   |
|                         | IPC Only Input                      | 2CH (up to 6-CH)*                                                                                                                                                          | 8CH (up to 16-CH)*                                                                                                                            | 8-CH*                                               |
|                         | Network Access & Transfer Bandwidth | 16/40Mbps                                                                                                                                                                  | 32/96Mbps                                                                                                                                     | 64/192Mbps                                          |
|                         | Network Access Format               | 8MP/5MP/4MP/3MP/1080P/960P/720P@ 25/30fps                                                                                                                                  |                                                                                                                                               |                                                     |
|                         | Output                              | HDMIx1: 4Kx2K/1920x1080/1280x1024<br>VGAx1: 1920x1080/1280/x1024/1024x768<br>BNCx1: CVBS (used as the main or spot output)                                                 |                                                                                                                                               |                                                     |
| Audio                   | Input                               | RCAx4                                                                                                                                                                      | RCAx8                                                                                                                                         |                                                     |
|                         | 2-way Audio                         | Take up channel one audio input                                                                                                                                            |                                                                                                                                               |                                                     |
|                         | Local Output                        | RCAx1                                                                                                                                                                      |                                                                                                                                               |                                                     |
| Record                  | Record Stream                       | Dual stream recording                                                                                                                                                      |                                                                                                                                               |                                                     |
|                         | Resolution                          | 4K/5MP/4MP/1080P/720P/WD1                                                                                                                                                  |                                                                                                                                               |                                                     |
|                         | Frame Rate                          | Analog: 5MP@ 12fps (PAL/NTSC),<br>4MP/3MP@ 12fps/15FPS (PAL/NTSC),<br>Under 4MP@ 25fps/30fps (PAL/NTSC)<br>IP: 8MP@ 20fps (PAL/NTSC),<br>Under 8MP@ 25fps/30fps (PAL/NTSC) | Analog: 5MP@ 12fps (PAL/NTSC), 4MP/3MP@12fps/15FPS (PAL/NTSC),<br>Under 4MP@ 25fps/30fps (PAL/NTSC)<br>IP: 8MP and under@ 25/30fps (PAL/NTSC) |                                                     |
|                         | Bit Rate                            | 32-78Mbps                                                                                                                                                                  |                                                                                                                                               |                                                     |
|                         | Mode                                | Manual, schedule, motion, sensor, intelligence                                                                                                                             |                                                                                                                                               |                                                     |
|                         | IP Input                            | Resolution                                                                                                                                                                 | 8MP/5MP/4MP/3MP/1080P/960P/720P@25fps/30fps                                                                                                   |                                                     |
| Playback                | Simultaneous Playback               | Max 4-CH                                                                                                                                                                   | Max 8-CH                                                                                                                                      | Max 16-CH                                           |
|                         | Search Mode                         | EZ Search, museum search, time search, event search, bookmark search, snapshot search                                                                                      |                                                                                                                                               |                                                     |
|                         | Smart Search                        | Highlighted color to display camera records in a certain period of time, different colors refer to different record events                                                 |                                                                                                                                               |                                                     |
|                         | Function                            | Play, pause, FF, FB, etc.                                                                                                                                                  |                                                                                                                                               |                                                     |
| Alarm                   | Mode                                | Manual, sensor, motion, exception, intelligence                                                                                                                            |                                                                                                                                               |                                                     |
|                         | Input                               | 4-CH local alarm input;<br>Support IPC alarm input                                                                                                                         | 8-CH local alarm input;<br>Support IPC alarm input                                                                                            | 16-CH local alarm input;<br>Support IPC alarm input |
|                         | Output                              | 1-CH local alarm input;<br>Support IPC alarm input                                                                                                                         | 2-CH local alarm input;<br>Support IPC alarm input                                                                                            | 4-CH local alarm input;<br>Support IPC alarm input  |
|                         | Linkage                             | Record, snapshot, preset, e-mail, pop-up window, etc.                                                                                                                      |                                                                                                                                               |                                                     |
|                         | Interface                           | RJ45 10M/100Mbps x1                                                                                                                                                        | RJ45 10M/100M/100Mbps x1                                                                                                                      |                                                     |
| Network                 | Protocol                            | TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, RTSP                                                                                                         |                                                                                                                                               |                                                     |
|                         | Web Client                          | Multiple online users monitoring                                                                                                                                           |                                                                                                                                               |                                                     |
|                         | Mobile Device                       | OS                                                                                                                                                                         | Speco Blue iOS®, Android™, SecureGuard® Client                                                                                                |                                                     |
| Other Viewing Platforms |                                     | Apple TV® and Amazon Fire TV®                                                                                                                                              |                                                                                                                                               |                                                     |
| Storage                 | HDD                                 | SATAx1, max 20TB per HDD                                                                                                                                                   | SATAx2, max 40TB per HDD                                                                                                                      |                                                     |
|                         | eSATA                               | eSATAx1 max 8TB                                                                                                                                                            |                                                                                                                                               |                                                     |
| Export                  | Local                               | USB, USB mobile HDD                                                                                                                                                        |                                                                                                                                               |                                                     |
|                         | Network                             | Yes                                                                                                                                                                        |                                                                                                                                               |                                                     |
| Interface               | USB                                 | USB2.0x2                                                                                                                                                                   |                                                                                                                                               |                                                     |
|                         | Remote Control                      | Yes                                                                                                                                                                        |                                                                                                                                               |                                                     |
| Dimensions              | Power Supply                        | DC12V/2A                                                                                                                                                                   | DC12V/4A                                                                                                                                      |                                                     |
|                         | Power Consumption                   | ≤10W(without HDD)                                                                                                                                                          | ≤15W(without HDD)                                                                                                                             | ≤30W(without HDD)                                   |
|                         | Dimensions(WxDxH)                   | 11.8" x 9.8" x 1.8"<br>(300mm x 248mm x 45mm)                                                                                                                              | 15" x 10.6" x 1.8"<br>(380mm x 268mm x 45mm)                                                                                                  |                                                     |
|                         | Working Environment                 | 14°F to 122°F (-10°C to 50°C )                                                                                                                                             |                                                                                                                                               |                                                     |



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