HYBRID

# HRL Series
## H.265 Hybrid DVR with Smart Analytics

### H6HRL
6 Channel Hybrid Digital Video Recorder
4 Configurable Hybrid Channels (TVI or IP) plus 2 IP Channels

### H16HRL
16 Channel Hybrid Digital Video Recorder
8 Configurable Hybrid Channels (TVI or IP) plus 8 IP Channels

### H24HRL
24 Channel Hybrid Digital Video Recorder
8 Configurable Hybrid Channels (TVI or IP) plus 8 IP Channels plus 8 TVI Channels

5MP | H.265 | EZ WIZARDS | EZ SEARCH 2.0 | 2-WAY AUDIO | OBJECT DETECTION | P2P | S.M.A.R.T.

**STORAGE**
**2TB - 32TB**

| | | | | |
|---|---|---|---|---|
| H6HRL2TB | H6HRL12TB | H16HRL8TB | H16HRL32TB | H24HRL12TB |
| H6HRL4TB | H6HRL16TB | H16HRL12TB | H24HRL2TB | H24HRL16TB |
| H6HRL6TB | H16HRL2TB | H16HRL16TB | H24HRL4TB | H24HRL20TB |
| H6HRL8TB | H16HRL4TB | H16HRL20TB | H24HRL6TB | H24HRL24TB |
| H6HRL10TB | H16HRL6TB | H16HRL24TB | H24HRL8TB | H24HRL32TB |

Front panel

Rear panel

H24HRL (Shown)

Included Rack ears (H16HRL & H24HRL)

Use With

Secure Guard

Speco BLUE

5 YEAR WARRANTY

## Key Features

**EZ Wizards - For ease of use and setup**

Camera: quickly discover and install all Speco IP cameras
Setup: for quick setup of general settings
Network: network setup and port forwarding
Record: quickly setup recording resolutions and recording type
Search: quickly search for events from thumbnails
Copy: quickly copy what you are playing onto a USB flash drive

- Supports up to 5MP on all channels and 4K on 1channel (H6HRL)
- Supports up to 5MP on all channels and 4K on 8 channels (H16HRL, H24HRL)
- H.265 compression - Store up to 2x more than H.264!
- 1 SATA port for up to 16TB of storage (H6HRL)
- 2 SATA ports for up to 32TB of storage (H16HRL, H24HRL)
- 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
- 5 year limited warranty[1]

*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)

INTEGRATED WITH speco access

- Auto Live Camera Pop-Up
- View A Camera
- Event Tag

BLUE SERIES

## Optional Accessories

**ERS1V**
Vented Rack Shelf

**P4S5G**
5 Port Gigabit Network Switch (4 ports PoE, 1 port Uplink)

**P8S9G**
9 Port Gigabit Network Switch (8 ports PoE, 1 port Uplink)

**P24S26G**
26-port Gigabit Network Switch with 24-ports PoE and 2xSFP Uplink

**P32S36GM**
36-Port Managed Gigabit Switch with 32-ports PoE and 4xSFP Uplink

[1]Limited Warranty/Hard drives excluded. Check www.specotech.com for more details. iPhone is a trademark of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google Inc. Amazon's trademark is used under license from Amazon.com, Inc. or its affiliates. The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. Speco Technologies is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation. Spec Rev. 4/25/22

HYBRID

**Technical Specifications:**
H.265 Hybrid DVR with Smart Analytics

| Model | | HRL | | |
|---|---|---|---|---|
| Channels | | 6 | 16 | 24 |
| System | Compression | Standard H.265 | | |
| | OS | Embeded Linux | | |
| Video | Analog Only Input | BNC x4 | BNC x8 | BNC x16 |
| | Configurable Analog Inputs | 4 | 8 | 8 |
| | IPC Only Input | 2CH (up to 6CH)* | 8CH (up to 16CH)* | 8CH* |
| | 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 | 4K@6fps/7fps<br>5MP@12fps/15Fps (PAL/NTSC) 1080P/720P/WD1@25fps/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 4CH | Max 8CH | Max 16CH |
| | 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 | 4CH local alarm input;<br>Support IPC alarm input | 8CH local alarm input;<br>Support IPC alarm input | 16CH local alarm input;<br>Support IPC alarm input |
| | Output | 1CH local alarm input;<br>Support IPC alarm input | 2CH local alarm input;<br>Support IPC alarm input | 4CH local alarm input;<br>Support IPC alarm input |
| | Linkage | Record, snapshot, preset, e-mail, pop-up window, etc. | | |
| Network | Interface | RJ45 10M/100Mbpsx1 | RJ45 10M/100M/100Mbpsx1 | |
| | 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 16TB per HDD | SATAx2, max 16TB 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 ) | | |