

Code: DHI-HCVR8816S-URH-S3

## AHD, HD-CVI, CVBS, TCP/IP DVR **DHI-HCVR8816S-URH-S3** 16 CHANNELS DAHUA

Hybrid DVR working in AHD, HD-CVI, TCP/IP and PAL standards.

The HD-CVI / AHD interface allows to transmission of analog, composite video signal via coaxial cable. It enables the transmission of HD resolution images for even 500 m distance with keeping the low costs of the installation. During transmission there are no delays and is maintained the original, high quality image.

Ability to work drives in a RAID array can significantly improve system reliability.



|                             |                                                                                                                                                                                                                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                   | AHD, HD-CVI, PAL, TCP/IP                                                                                                                                                                                                                                                                                              |
| Maximal total frame rate:   | <ul style="list-style-type: none"> <li>• HD-CVI / AHD / PAL :<br/>400 fps @ 1920 x 1080 px,<br/>400 fps @ 1280 x 720 px,<br/>400 fps @ 960 x 576 px,<br/>400 fps @ 704 x 576 px,<br/>400 fps @ 352 x 288 px</li> <li>• IP :<br/>1600 fps @ 4000 x 3000 px</li> </ul>                                                  |
| Recording speed adjustment: | <ul style="list-style-type: none"> <li>• HD-CVI / AHD / PAL :<br/>1 ... 25 fps @ 1920 x 1080<br/>1 ... 25 fps @ 1280 x 720<br/>1 ... 25 fps @ 960 x 576<br/>1 ... 25 fps @ 704 x 576<br/>1 ... 25 fps @ 352 x 288<br/>for each channel</li> <li>• IP :<br/>1 ... 25 fps @ 4000 x 3000<br/>for each channel</li> </ul> |
| Supported resolutions:      | 16 x AHD / HD-CVI @ 720p / 1080p<br>16 x PAL @ 960H / D1<br>64 x IP @ 12 Mpx (max)                                                                                                                                                                                                                                    |
| Operation modes:            | <ul style="list-style-type: none"> <li>• 16 x HD-CVI / AHD / IP / PAL + 48 x IP</li> <li>• 64 x IP</li> </ul> The recorder allows to combining the AHD / CVI cameras only in pairs                                                                                                                                    |
| Video inputs:               | 16 pcs BNC - HD-CVI / AHD / Composite Video (CVBS)                                                                                                                                                                                                                                                                    |
| Video outputs:              | 2 pcs HDMI<br>1 pcs VGA<br>1 pcs BNC - Composite Video (CVBS)                                                                                                                                                                                                                                                         |
| Audio inputs:               | 16 pcs BNC<br>1 pcs BNC - External microphone input                                                                                                                                                                                                                                                                   |



# DATA SHEET

|                                     |                                                                                                                                                                |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Audio outputs:                      | 2 pcs BNC                                                                                                                                                      |
| Image compression method:           | H.264                                                                                                                                                          |
| Number of compression levels:       | 5                                                                                                                                                              |
| Image records resolutions:          | 4000 x 3000 @ IP<br>3840 x 2160 @ IP<br>3072 x 2048 @ IP<br>1920 x 1080<br>1280 x 720<br>960 x 576<br>704 x 576<br>352 x 288                                   |
| Recording modes:                    | Manual, Sensor, Motion detection, Schedule                                                                                                                     |
| Supported hard drives:              | 8 x 8 TB SATA + 1 x eSATA<br>Operation modes : SINGLE, Raid 0/1/5/10                                                                                           |
| External storage devices backup:    | Save single frames and whole records from DVR drive to the USB drive                                                                                           |
| Searching and playback the records: | Records searching: by time + timeline with record type. Playback: forward, fast, slow, step<br>Advanced searching (to the one second accuracy)                 |
| Network functions:                  | Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters - SmartPSS application |
| Network protocols:                  | HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, SNMP, IP Filter, PPPoE, FTP, IP Search, P2P, ONVIF 2.4                                   |
| Bitrate:                            | max. 200 Mbps (total)                                                                                                                                          |
| Mobile phones support:              | Port no.: 37777 or access by a cloud (P2P)<br>• Android: Free application <a href="#">DMSS</a><br>• iOS (iPhone): Free application <a href="#">DMSS</a>        |
| Alarm inputs / outputs:             | 16 / 6                                                                                                                                                         |
| PTZ control:                        | • IP Speed Dome Cameras<br>• Control compatible with coax PTZ HD-CVI<br>• RS-485 - PELCO-D/P                                                                   |
| Motion Detection:                   | Split the screen into zones 22 x 18 motion zones<br>Very good sensitivity, after motion detection records detected channels only                               |
| Image analysis:                     | Intelligent Object Tracking, intrusion, crossing the line (tripwire), abandoned/missing object, face detection, people counting                                |
| Mouse support:                      | ✓                                                                                                                                                              |
| IR remote controller in the set:    | —                                                                                                                                                              |
| Power supply:                       | 230 V AC                                                                                                                                                       |
| Weight:                             | 8.3 kg                                                                                                                                                         |
| Dimensions:                         | 445 x 460 x 89 mm, RACK 19", 2U                                                                                                                                |
| Supported languages:                | English                                                                                                                                                        |
| Manufacturer / Brand:               | DAHUA                                                                                                                                                          |
| Country of origin:                  | China                                                                                                                                                          |
| Guarantee:                          | <b>3 years</b>                                                                                                                                                 |