

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 : 400 fps @ 1920 x 1080 px, 400 fps @ 1280 x 720 px, 400 fps @ 960 x 576 px, 400 fps @ 704 x 576 px, 400 fps @ 352 x 288 px</li> <li>• IP : 1600 fps @ 4000 x 3000 px</li> </ul>
Recording speed adjustment:	<ul style="list-style-type: none"> <li>• HD-CVI / AHD / PAL : 1 ... 25 fps @ 1920 x 1080 1 ... 25 fps @ 1280 x 720 1 ... 25 fps @ 960 x 576 1 ... 25 fps @ 704 x 576 1 ... 25 fps @ 352 x 288 for each channel</li> <li>• IP : 1 ... 25 fps @ 4000 x 3000 for each channel</li> </ul>
Supported resolutions:	16 x AHD / HD-CVI @ 720p / 1080p 16 x PAL @ 960H / D1 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 1 pcs VGA 1 pcs BNC - Composite Video (CVBS)
Audio inputs:	16 pcs BNC 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 3840 x 2160 @ IP 3072 x 2048 @ IP 1920 x 1080 1280 x 720 960 x 576 704 x 576 352 x 288
Recording modes:	Manual, Sensor, Motion detection, Schedule
Supported hard drives:	8 x 8 TB SATA + 1 x eSATA 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 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) • Android: Free application <a href="#">DMSS</a> • iOS (iPhone): Free application <a href="#">DMSS</a>
Alarm inputs / outputs:	16 / 6
PTZ control:	• IP Speed Dome Cameras • Control compatible with coax PTZ HD-CVI • RS-485 - PELCO-D/P
Motion Detection:	Split the screen into zones 22 x 18 motion zones 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>