DATA SHEET

HD-CVI, PAL, TCP/IP DVR **HCVR7816S-URH** 16 CHANNELS DAHUA

Tribrid DVR working in three standards: HD-CVI, IP and analog.
The HD-CVI 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:	HD-CVI, PAL, TCP/IP
Image records resolutions:	• AHD / HD-CVI : 1080p - 1920 x 1080 , 720p - 1280 x 720 • CVBS : 960H - 960 x 576 • IP : max. 12 Mpx - 4000 x 3000
Recording speed adjustment:	12 Mpx IP @ 1 ... 25 fps 1080p @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel
Operation modes:	16 x HD-CVI / IP / PAL
Video inputs:	16 pcs BNC - HD-CVI / 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
Audio outputs:	1 pcs BNC + 1 pcs BNC - Signal from external microphone socket
Image compression method:	H.264
Recording modes:	Manual, Sensor, Motion detection, Schedule
Supported hard drives:	8 x SATA - 32 TB (max) + 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 - PSS application
Network protocols:	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP
Bitrate:	max. 100 Mbps (total)
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS
Alarm inputs / outputs:	16 / 6
PTZ control:	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
USB:	4 pcs USB 2.0
Mouse support:	✔
IR remote controller in the set:	✔
Main features:	• Possibility of operation the disks in RAID 0/1/5/10 array • HDD Hot-Swap - possibility to connect and disconnect the hard drives during device operation • 1 pcs RS-232
Power supply:	230 V AC
Weight:	8.54 kg
Dimensions:	445 x 460 x 89 mm
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Country of origin:	China
Guarantee:	**3 years**