	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR APTI-XB0401-S31 4 CHANNELS	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR APTI-XB0401H-S34 4 CHANNELS	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR APTI-XB0401HS-4KS5 4 CHANNELS	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR BCS-B-XVR0401(2.0) 4 CHANNELS BCS BASIC	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-7104HQHI-K1(C)(S) 4 CHANNELS Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-7104HUHI-K1(C)(S) 4 CHANNELS Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-E04HQHI-B 4 CHANNELS Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR1B04-I 4 CHANNELS DAHUA	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR5104HE-I3 4 CHANNELS DAHUA
	53.24 EUR 53.24 EUR	69.33 EUR 69.33 EUR	101.12 EUR 101.12 EUR	63.44 EUR 63.44 EUR	139.09 EUR 139.09 EUR	155.37 EUR 155.37 EUR	237.96 EUR 237.96 EUR	118.50 EUR 118.50 EUR	223.83 EUR 223.83 EUR
Standard	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, PAL, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP
Video inputs	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	4 pcs BNC	4 pcs BNC	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	4 pcs BNC
Video outputs	1 pcs HDMI 1 pcs VGA	• 1 pcs HDMI : 1920 x 1080 (max) • 1 pcs VGA • 1 pcs Composite Video (CVBS) - BNC socket	• 1 pcs HDMI • 1 pcs VGA • 1 pcs BNC	1 pcs HDMI 1 pcs VGA	1 pcs HDMI 1 pcs VGA	1 pcs HDMI 1 pcs VGA	1 pcs HDMI 1 pcs VGA	1 pcs HDMI 1 pcs VGA	1 pcs HDMI 1 pcs VGA
Audio inputs	2 pcs CINCH	• 4 - Audio support via coaxial cable, • 2 pcs CINCH	• 4 - Audio support via coaxial cable • 4 pcs CINCH	• 1 pcs CINCH, • 4 - Audio support via coaxial cable	• 1 pcs CINCH, • 4 Channels - Audio support via coaxial cable	1 pcs CINCH, Coaxial audio - Audio from cameras	4 Channels - Audio support via coaxial cable	• 1 pcs CINCH, • 4 - Audio support via coaxial cable, HD-CVI only	4 pcs - CINCH 4 - Audio support via coaxial cable, HD-CVI only
Audio outputs	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	–	1 pcs CINCH	1 pcs CINCH
Image compression method	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265 / H.264	H.265+ / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro / H.265	AI Coding / H.265+ / H.265 / H.264+ / H.264	AI Coding / H.265+ / H.265 / H.264+ / H.264
Image records resolutions	• AHD / HD-TVI : 1296 x 1944 - 5M-N, 1024 x 1536 - 3M-N, 960 x 1080 - 1080N, 1280 x 720 - 720p, • HD-CVI 1280 x 1440 - 4M-N, 960 x 1080 - 1080N, 1280 x 720 - 720p • CVBS / PAL : 960 x 576 • IP : max. 2592 x 1944 - 5 Mpx	• AHD / HD-TVI : 8M-N - 1920 x 2160 px, 5 Mpx - 2592 x 1944 px, 5M-N - 1296 x 1944 px, 4 Mpx - 2560 x 1440 px, 4M-N - 1280 x 1440 px, 3 Mpx - 2048 x 1536 px, 1080p - 1920 x 1080 px, 720p - 1280 x 720 px, • HD-CVI : 8M-N - 1920 x 2160 px, 4 Mpx - 2560 x 1440 px, 4M-N - 1280 x 1440 px, 1080p - 1920 x 1080 px, 720p - 1280 x 720 px, • CVBS : 960H - 960 x 576 px, • IP : max. 5 Mpx - 2592 x 1944 px	• AHD / HD-TVI : 8 Mpx - 3840 x 2160 px, 4K UHD , 5 Mpx - 2592 x 1944 px, 4 Mpx - 2560 x 1440 px, 3 Mpx - 2048 x 1536 px, 1080p - 1920 x 1080 px, 720p - 1280 x 720 px, • HD-CVI : 8 Mpx - 3840 x 2160 px, 4K UHD , 4 Mpx - 2560 x 1440 px, 1080p - 1920 x 1080 px, 720p - 1280 x 720 px, • CVBS : 960H - 960 x 576 px, • IP : max. 8 Mpx - 3840 x 2160 px	• AHD / HD-TVI : 5M-N - 1296 x 1944 - For cameras 12 fps , • AHD / HD-CVI / HD-TVI : 5M-N - 1296 x 1944 - For cameras 20 fps 1 CH only , 4M-N - 1280 x 1440 - For cameras 15 fps, 30 fps 1 CH only , 1080p - 1920 x 1080 , 720p - 1280 x 720 • CVBS : 960H - 960 x 576 , • IP : max. 4 Mpx - 2560 x 1440	• HD-TVI : 3.0 Mpx - 1920 x 1536, Channel 1 , • AHD / HD-CVI / HD-TVI : 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 , • CVBS : 960H - 960 x 576 , D1 - 704 x 576 , • IP : max. 6 Mpx - 3072 x 2048	• HD-TVI : 8.3 Mpx - 3840 x 2160 - Channel 1 , 8M-N - 1920 x 2160 , 5 Mpx - 2560 x 1944 , 3.7 Mpx - 2560 x 1440 , 3 Mpx - 1920 x 1536 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • AHD / HD-CVI : 5 Mpx - 2560 x 1944 , 3.7 Mpx - 2560 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • CVBS : 960H - 960 x 576 , • IP : max. 8 Mpx - 3840 x 2160	• HD-TVI : 3K Lite / 5 MP Lite - Channel 1 , • AHD / HD-CVI / HD-TVI : 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 , • CVBS : 960H - 960 x 576 , D1 - 704 x 576 , • IP : max. 6 Mpx - 3072 x 2048	• AHD / HD-CVI / HD-TVI : 1080N - 960 x 1080 , 720p - 1280 x 720 , • CVBS : 960H - 960 x 576 , D1 - 720 x 576 , • IP : 1080p - 1920 x 1080	AHD / HD-CVI / HD-TVI : 5M-N - 1296 x 1440 , 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 , CVBS : 960H - 960 x 576 IP : max. 6 Mpx - 3072 x 2048
Recording speed adjustment	1 ... 12 fps @ 5M-N 1 ... 15 fps @ 4M-N 1 ... 18 fps @ 3M-N 1 ... 18 fps @ 1080N 1 ... 20 fps @ 720p 1 ... 25 fps @ 960H for each channel	5 Mpx IP @ 1 ... 25 fps 8M-N @ 1 ... 8 fps 5 Mpx @ 1 ... 6 fps 5M-N @ 1 ... 10 fps 4 Mpx @ 1 ... 8 fps 4M-N @ 1 ... 15 fps 3 Mpx @ 1 ... 9 fps 3M-N @ 1 ... 18 1080p @ 1 ... 15 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	8 Mpx IP @ 1 ... 25 fps 8 Mpx @ 1 ... 8 fps 5 Mpx @ 1 ... 12 fps 4 Mpx @ 1 ... 15 fps 3 Mpx @ 1 ... 18 fps 1080p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	4 Mpx IP @ 1 ... 25 fps , 5M-N @ 1 ... 12 fps , 4M-N @ 1 ... 15 fps , 1080p @ 1 ... 15 fps , 720p @ 1 ... 30 fps , 960H @ 1 ... 30 fps for each channel	6 Mpx IP @ 1 ... 25 fps 4M-N @ 1 ... 15 fps 3 Mpx @ 1 ... 15 fps 1080p @ 1 ... 15 fps 1080N @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps D1 @ 1 ... 25 fps for each channel	8 Mpx IP @ 1 ... 25 fps 8 Mpx @ 1 ... 8 fps 8M-N @ 1 ... 15 fps 5 Mpx @ 1 ... 12 fps 3.7 Mpx @ 1 ... 15 fps 3 Mpx @ 1 ... 18 fps 1080p @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps D1 @ 1 ... 25 fps for each channel	6 Mpx IP @ 1 ... 25 fps 3K Lite, 5M-N @ 1 ... 12 fps 4M-N @ 1 ... 15 fps 1080p @ 1 ... 15 fps 1080N @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps D1 @ 1 ... 25 fps for each channel	1080p IP @ 1 ... 25 fps 1080N @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	6 Mpx IP @ 1 ... 25 fps 5M-N @ 1 ... 10 fps 4M-N @ 1 ... 15 fps 1080p @ 1 ... 15 fps 1080N @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel
Operation modes	• 4 x AHD / HD-CVI / HD-TVI • max. 2 x AHD / HD-CVI / HD-TVI + max. 4 x IP @ 1080p • 9 x IP @ 5 Mpx (max) All modes allow for any combination of the AHD, HD-CVI, HD-TVI, CVBS cameras	• 4 x AHD / HD-CVI / HD-TVI / CVBS + 2 x IP max. 5 Mpx • 2 x AHD / HD-CVI / HD-TVI / CVBS + 7 x IP max. 5 Mpx • 16 x IP max. 5 Mpx All modes allow for any combination of the AHD, HD-CVI, HD-TVI, CVBS cameras	• 4 x AHD / HD-CVI / HD-TVI / CVBS + 4 x IP max. 8.3 Mpx • 2 x AHD / HD-CVI HD-TVI CVBS + 7 x IP max. 8.3 Mpx • 16 x IP max. 8.3 Mpx All modes allow for any combination of the AHD, HD-CVI, HD-TVI, CVBS cameras	4 x AHD / HD-CVI / HD-TVI / CVBS / IP + 2 x IP	4 x HD-TVI / AHD / HD-CVI / CVBS / IP + 2 x IP	4 x HD-TVI / AHD / HD-CVI / CVBS / IP + 4 x IP	4 x HD-TVI / AHD / HD-CVI / CVBS + 1 x IP	4 x AHD / HD-CVI / HD-TVI / CVBS / IP + 1 x IP	4 x AHD / HD-CVI / HD-TVI / CVBS / IP + 2 x IP
Recording modes	Motion Detection, Schedule	Motion Detection, Schedule	Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Sensor, Motion detection, Schedule
Supported hard drives	1 x 8 TB SATA	1 x 8 TB SATA	1 x 8 TB SATA	1 x 6 TB SATA	1 x 6 TB SATA	1 x 6 TB SATA	1 x 512 GB eSSD - Built-in, Space available for records : 480 GB	1 x 6 TB SATA	1 x 6 TB SATA
Intelligent image analysis	...	...	...	...	...	...	...	...	...
External storage devices backup	Records backup at (.avi) format to USB (pendrive)	Records backup at (.avi) format to USB (pendrive)	Records backup at (.avi) format to USB (pendrive)	Save single frames and whole records from DVR drive to the USB drive	Backup to USB drive (pendrive, external drive)	Backup to USB drive (pendrive, external drive)	Backup to USB drive (pendrive, external drive)	Save single frames and whole records from DVR drive to the USB drive	Save single frames and whole records from DVR drive to the USB drive
Searching and playback the records	Records searching: timeline or file list. Playback: forward, backward, fast, slow. Records playback from max. 4 channels in the same time	Records searching: timeline or file list. Playback: forward, backward, fast, slow. Records playback from max. 4 channels in the same time	Records searching: timeline or file list. Playback: forward, backward, fast, slow. Records playback from max. 4 channels in the same time	Records searching: by time + timeline with record type. Playback: forward, fast, slow, step Advanced searching (to the one second accuracy) 1/4 channel synchronous playback	Records searching: timeline or file list. Playback: forward, fast, slow. Playback max. 4 cameras in the same time	Records searching: timeline or file list. Playback: forward, fast, slow. Playback max. 4 cameras in the same time	Records searching: timeline or file list. Playback: forward, fast, slow. Playback max. 4 cameras in the same time	Records searching: by time + timeline with record type. Playback: forward, fast, slow, step Advanced searching (to the one second accuracy)	Records searching: by time + timeline with record type. Playback: forward, fast, slow, step Advanced searching (to the one second accuracy) Intelligent face search AI - simultaneous search in the archive of face recordings based on max 8 photos taking into account the similarity threshold (for each photo separately) 1/4 channel synchronous playback
Network interface	...	...	...	1 x RJ-45 10/100 Base-TX	1 x RJ-45 - 10/100 Base-TX	1 x RJ-45 - 10/100 Base-TX	1 x RJ-45 - 10/100 Base-TX	1 x RJ-45 - 100BASE-TX	...
Bitrate	...	...	...	...	32 ... 6144 kbps	32 ... 10240 kbps	max. 72 Mbps	32 ... 4096 kbps	...
Network functions	• Network Client Software (iVMS320): live view, playback and backup of the records • IE browser: live view, playback and backup of the records and configuration of the recorder parameters	• Network Client Software (iVMS320): live view, playback and backup of the records • IE browser: live view, playback and backup of the records and configuration of the recorder parameters	• Network Client Software (iVMS320): live view, playback and backup of the records • IE, MS Edge, Google Chrome, Firefox, Safari browser: live view, device configuration	Full support via network, Remote records copying, Web Server built-in max. 128 on-line users	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	Full support via network, Remote records copying, Web Server built-in max. 128 on-line users
Network protocols	...	...	...	...	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, UPnP, HTTPS	HTTP, HTTPS, TCP/IP, IPv4/IPv6, 3G/4G, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search	...
Mobile phones support	Port no.: 6000 or access by a cloud (P2P) • Android: Free application BitVision, Android: Free application iVMS320 • iOS (iPhone): Free application BitVision, iOS: Free application iVMS320	Port no.: 6000 or access by a cloud (P2P) • Android: Free application BitVision, Android: Free application iVMS320 • iOS (iPhone): Free application BitVision, iOS: Free application iVMS320	Port no.: 6000 or access by a cloud (P2P) • Android: Free application BitVision, Android: Free application iVMS320 • iOS (iPhone): Free application BitVision, iOS: Free application iVMS320	Port no.: 80 or access by a cloud (P2P) • Android: Free application BCS BASIC 2.0 • iOS (iPhone): Free application BCS BASIC 2.0	Port no.: 8000 or access by a cloud (P2P) • Android: Free application iVMS-4500 or Hik-Connect • iOS (iPhone): Free application iVMS-4500 or Hik-Connect	Port no.: 8000 or access by a cloud (P2P) • Android: Free application Hik-Connect • iOS: Free application Hik-Connect	Port no.: 8000 or access by a cloud (P2P) • Android: Free application Hik-Connect • iOS (iPhone): Free application Hik-Connect	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS See how to configure the P2P function in Dahua recorders and how to enable the mobile application	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS See how to configure the P2P function in Dahua recorders and how to enable the mobile application
Default IP address	192.168.1.88	192.168.1.88	192.168.1.88	...	DHCP or 192.168.1.64	DHCP or 192.168.1.64	DHCP or 192.168.1.64	...	...
Default admin user / password	admin / 12345	admin / 12345	admin / 12345	...	admin / -	admin / -	admin / -	...	...
Web browser access ports	80, 5000, 554	80, 5000, 554	80, 5000, 554	...	80	80	80	...	...
PC client access ports	80, 5000, 554	80, 5000, 554	80, 5000, 554	...	554 RTSP, 8000	554 RTSP, 8000	554 RTSP, 8000	...	...
Mobile client access ports	80, 5000, 6000	80, 5000, 6000	80, 5000, 6000	...	8000	8000	8000	...	...
Port ONVIF	...	...	...	...	80	80	80	...	...
RTSP URL	...	...	...	...	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream	...	...
Alarm inputs / outputs	–	4 / 1	4 / 1	–	–	–	–	–	8 / 3
Serial ports	...	...	...	...	...	...	...	...	...
PTZ control	RS-485 - PELCO-D/P	Pelco-D, Pelco-P	Pelco-D, Pelco-P	IP Speed Dome Cameras	Control compatible with coax HD-TVI Hikvision	Control compatible with coax HD-TVI Hikvision	Control compatible with coax HD-TVI Hikvision	IP Speed Dome Cameras Control compatible with coax PTZ HD-CVI	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	Split the screen into zones : 22 x 18 motion zones	Split the screen into zones : 22 x 18 motion zones	✓	Split the screen into zones : 22 x 18 motion zones	Split the screen into zones : 22 x 18 motion zones	Split the screen into zones : 22 x 18 motion zones	Split the screen into zones : 22 x 18 motion zones	Split the screen into zones : 22 x 18 motion zones
USB	2 pcs USB 2.0	2 pcs USB 2.0	3 pcs USB 2.0	2 x USB 2.0	2 pcs USB 2.0	2 pcs USB 2.0	2 pcs USB 2.0	2 x USB 2.0	2 pcs USB 2.0
Country of origin	...	China	China	...	...	...	...	China	China
Mouse support	✓	✓	✓	✓	✓	✓	✓	✓	✓
IR remote controller in the set	–	–	–	–	–	–	–	–	–
Main features	...	...	...	...	...	...	...	SMD PLUS - searching for an object classified as: human, motor vehicle, non-motor vehicle	• Cooperation with Dahua devices working in the concept of the Internet of Things (IoT), • POS - support the machines installed in the points of sales and displaying the date from them as overlaid text on selected channel window, • SMD PLUS - searching for an object classified as: human, motor vehicle • Coax Audio/Alarm support, • Intelligent image analysis : crossing the line (tripwire), intrusion, classification of people and vehicles • advanced face recognition and search functions • Support for up to 10 face databases, including 10 000 face images • Detection of faces not included in the device database • Searching for faces in recordings based on max 8 selected photos with the ability to independently set the similarity threshold for each photo
Power supply	12 V DC / 2 A (power adapter included)	12 V DC / 2 A (power adapter included)	12 V DC / 2 A (power adapter included)	12 V DC / 2 A (power adapter included)	12 V DC / 1.5 A (power adapter included)	12 V DC / 1.5 A (power adapter included)	12 V DC / 1 A (power adapter included)	12 V DC / 1.5 A (power adapter included)	12 V DC / 1.5 A (power adapter included)
Power consumption	...	...	...	≤ 8 W (without HDD)	...	...	...	...	...
Color	Black	Black	Black	Black	White	White	Black	Black	Black
Weight	0.68 kg	0.71 kg	0.80 kg	0.84 kg	0.49 kg	0.49 kg	0.42 kg	0.54 kg	1.18 kg
Dimensions	260 x 226 x 46 mm	260 x 226 x 45 mm	260 x 242 x 46 mm	255 x 260 x 46 mm	210 x 200 x 47 mm	210 x 200 x 48 mm	152 x 122 x 46 mm	198 x 203 x 42 mm	325 x 257 x 55 mm

	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR5104HS-4KL-I3 4 CHANNELS DAHUA	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR5104HS-I3 4 CHANNELS DAHUA	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR5104HS-I3(1T) 4 CHANNELS SSD 1TB WizSense DAHUA	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-7204HUHI-K1/E(C)(S) 4 CHANNELS Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-7204HUHI-K1/P 4 CHANNELS Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR IDS-7204HQHI-M1/S(C) 4 CHANNELS ACUSENSE Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR IDS-7204HQHI-M1/S(C)/4A+4/1ALM 4 CHANNELS ACUSENSE Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR IDS-7204HTHI-M1/S(C)/4A+4/1ALM 4 CHANNELS ACUSENSE Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR IDS-7204HUHI-M1/S(C) 4 CHANNELS ACUSENSE Hikvision
	243.23 EUR 243.23 EUR	157.28 EUR 157.28 EUR	257.35 EUR 257.35 EUR	207.56 EUR 207.56 EUR	266.93 EUR 266.93 EUR	146.51 EUR 146.51 EUR	224.07 EUR 224.07 EUR	373.70 EUR 373.70 EUR	223.59 EUR 223.59 EUR
Standard	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, PAL, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP
Video inputs	4 pcs BNC	4 pcs BNC	4 pcs BNC	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	4 pcs BNC - AHD / HD-CVI / HD-TVI / PAL	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS
Video outputs	1 pcs HDMI 4K 1 pcs VGA There is a possibility to configure a SPOT function on one of the output	1 pcs HDMI 1 pcs VGA	• 1 pcs HDMI • 1 pcs VGA	1 pcs HDMI 1 pcs VGA	1 pcs HDMI 1 pcs VGA 1 pcs CVBS - BNC socket	1 pcs HDMI 1 pcs VGA 1 pcs CVBS - BNC socket	1 pcs HDMI 1 pcs VGA 1 pcs CVBS - BNC socket	• 1 pcs HDMI 4K • 1 pcs VGA • 1 pcs CVBS - BNC socket There is a possibility to configure a SPOT function on one of the output	1 pcs HDMI 1 pcs VGA 1 pcs CVBS - BNC socket
Audio inputs	• 1 pcs - CINCH • 4 - Audio support via coaxial cable, HD-CVI only	1 pcs - CINCH 4 - Audio support via coaxial cable, HD-CVI only	• 1 pcs CINCH, • 4 pcs BNC Coaxial audio - Audio support via coaxial cable	• 1 pcs CINCH, • 4 Channels - Audio support via coaxial cable	4 pcs CINCH	1 pcs CINCH , 4 Channels - Audio from cameras	4 pcs CINCH, Coaxial audio - Audio from cameras	• 4 pcs CINCH, • 4 pcs Coaxial audio - Audio from cameras	1 pcs CINCH, Coaxial audio - Audio from cameras
Audio outputs	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH
Image compression method	AI Coding / H.265+ / H.265 / H.264+ / H.264	AI Coding / H.265+ / H.265 / H.264+ / H.264	AI Coding / H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264 / H.264+	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264 / H.264+
Image records resolutions	• AHD / HD-CVI / HD-TVI : 8 Mpx - 3840 x 2160 , 6 Mpx - 2880 x 1920 - HD-CVI only , 5 Mpx - 2592 x 1944 , 4 Mpx - 2560 x 1440 , 4M-N - 1280 x 1440 , 3 Mpx - 2048 x 1536 - AHD / HD-TVI only , 1080p - 1920 x 1080 , 720p - 1280 x 720 • CVBS : 960H - 960 x 576 • IP : max. 8 Mpx - 3840 x 2160	AHD / HD-CVI / HD-TVI : 5M-N - 1296 x 1440 , 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 , CVBS : 960H - 960 x 576 IP : max. 6 Mpx - 3072 x 2048	• AHD / HD-CVI / HD-TVI : 5 Mpx - 2560 x 1944 px , 5M-N - 1296 x 1440 px , 4M-N - 1280 x 1440 px , 1080p - 1920 x 1080 px , 1080N - 960 x 1080 px , 720p - 1280 x 720 px , • CVBS : 960H - 960 x 576 px • IP : max. 6 Mpx - 3072 x 2048 px	• HD-TVI : 8.3 Mpx 4K UHD - 3840 x 2160 1 CH only , 8M-N - 1920 x 2160 , 5 Mpx - 2560 x 1944 , 3.7 Mpx - 2560 x 1440 , 3 Mpx - 1920 x 1536 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • AHD / HD-CVI : 5 Mpx - 2560 x 1944 , 3.7 Mpx - 2560 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • PAL : 960H - 960 x 576 , • IP : max. 8 Mpx - 3840 x 2160	• HD-TVI : 8.3 Mpx 4K UHD - 3840 x 2160 1 CH only , 8M-N - 1920 x 2160 , 5.0 Mpx - 2560 x 1944 , 3.7 Mpx - 2560 x 1440 , 3 Mpx - 1920 x 1536 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • AHD : 5.0 Mpx - 2560 x 1944 , 3.7 Mpx - 2560 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • HD-CVI : 3.7 Mpx - 2560 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • PAL : 960H - 960 x 576 , • IP : max. 8.3 Mpx - 3840 x 2160	• HD-TVI : 4M-N - 1280 x 1440 , 3 Mpx - 1920 x 1536, 1 CH only , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 , • AHD / HD-CVI : 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 , • CVBS : 960H - 960 x 576 , • IP : max. 6 Mpx - 3072 x 2048	• HD-TVI : 4M-N - 1280 x 1440 , 3 Mpx - 1920 x 1536, 1 CH only , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 , • AHD / HD-CVI : 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 , • CVBS : 960H - 960 x 576 , • IP : max. 6 Mpx - 3072 x 2048	• HD-TVI / HD-CVI : 8.3 Mpx 4K UHD - 3840 x 2160 , • HD-TVI : 5 Mpx (3K) - 2960 x 1665 , 3 Mpx - 1920 x 1536 , • HD-TVI / AHD / HD-CVI : 5 Mpx - 2560 x 1944 , 3.7 Mpx - 2560 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • CVBS : 960H - 960 x 576 , D1 - 704 x 576 , • IP : max. 8.3 Mpx - 3840 x 2160	• HD-TVI : 8.3 Mpx 4K UHD - 3840 x 2160 1 CH only , 8M-N - 1920 x 2160 2,3,4 CH only , 5 Mpx - 2560 x 1944 , 3.7 Mpx - 2560 x 1440 , 3 Mpx - 1920 x 1536 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • AHD : 5 Mpx - 2560 x 1944 , 3.7 Mpx - 2560 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • HD-CVI : 3.7 Mpx - 2560 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • PAL : 960H - 960 x 576 , • IP : max. 8 Mpx - 3840 x 2160
Recording speed adjustment	8 Mpx IP @ 1 ... 25 fps 8 Mpx @ 1 ... 7 fps 6 Mpx @ 1 ... 10 fps 5 Mpx @ 1 ... 12 fps 4 Mpx @ 1 ... 15 fps 4M-N @ 1 ... 25 fps 3 Mpx @ 1 ... 15 fps 1080p @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	6 Mpx IP @ 1 ... 25 fps 5M-N @ 1 ... 10 fps 4M-N @ 1 ... 15 fps 1080p @ 1 ... 15 fps 1080N @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	6 Mpx IP @ 1 ... 25 fps 5 Mpx @ 1 ... 6 fps 5M-N @ 1 ... 12 fps 4M-N @ 1 ... 15 fps 1080p @ 1 ... 15 fps 1080N @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	8 Mpx IP @ 1 ... 25 fps 8 Mpx @ 1 ... 8 fps 8M-N @ 1 ... 12 fps 5 Mpx @ 1 ... 12 fps 4 Mpx @ 1 ... 15 fps 3 Mpx @ 1 ... 18 fps 1080p @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	1 ... 25 fps @ 3840 x 2160 px IP 1 ... 8 fps @ 3840 x 2160 px 1 CH only 1 ... 8 fps @ 1920 x 2160 px 1 ... 12 fps @ 2560 x 1944 px 1 ... 15 fps @ 2560 x 1440 px 1 ... 18 fps @ 1920 x 1536 px 1 ... 25 fps @ 1920 x 1080 px 1 ... 25 fps @ 1280 x 720 px 1 ... 25 fps @ 960 x 576 for each channel	6 Mpx IP @ 1 ... 25 fps 4M-N @ 1 ... 15 fps 3 Mpx @ 1 ... 15 fps 1080p @ 1 ... 15 fps 1080N @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	6 Mpx IP @ 1 ... 25 fps 4M-N @ 1 ... 15 fps 3 Mpx @ 1 ... 15 fps 1080p @ 1 ... 15 fps 1080N @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	8.3 Mpx IP @ 1 ... 25 fps 8.3 Mpx @ 1 ... 15 fps 5 Mpx @ 1 ... 20 fps 3.7 Mpx @ 1 ... 25 fps 3 Mpx @ 1 ... 18 fps 1080p @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps D1 @ 1 ... 25 fps for each channel	8 Mpx IP @ 1 ... 25 fps 8 Mpx @ 1 ... 8 fps 8M-N @ 1 ... 15 fps 5 Mpx @ 1 ... 12 fps 4 Mpx @ 1 ... 15 fps 3 Mpx @ 1 ... 18 fps 1080p @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel
Operation modes	4 x AHD / HD-CVI / HD-TVI / CVBS / IP + 4 x IP	4 x AHD / HD-CVI / HD-TVI / CVBS / IP + 2 x IP	4 x AHD / HD-CVI / HD-TVI / CVBS / IP + 2 x IP	4 x HD-TVI / AHD / HD-CVI / CVBS / IP + 4 x IP	4 x HD-TVI / AHD / HD-CVI / PAL / IP + 4 x IP	4 x HD-TVI / AHD / HD-CVI / PAL / IP + 2 x IP	• 4 x HD-TVI / AHD / HD-CVI / PAL / IP + 2 x IP	4 x HD-TVI / AHD / HD-CVI / PAL / IP + 4 x IP	4 x HD-TVI / AHD / HD-CVI / CVBS / IP + 4 x IP
Recording modes	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Sensor, Motion detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Sensor, Motion detection, Schedule	Manual, Sensor, Motion detection, Schedule
Supported hard drives	1 x 10 TB SATA	1 x 6 TB SATA	1 x 1 TB SSD - Built-in	1 x 10 TB SATA	1 x 10 TB SATA	1 x 10 TB SATA	1 x 10 TB SATA	1 x 10 TB SATA	1 x 10 TB SATA
Intelligent image analysis	...	...	✓	...	...	...	...	...	...
External storage devices backup	Save single frames and whole records from DVR drive to the USB drive	Save single frames and whole records from DVR drive to the USB drive	Save single frames and whole records from DVR drive to the USB drive	Backup to USB drive (pendrive, external drive)	Backup to USB drive (pendrive, external drive)	Backup to USB drive (pendrive, external drive)	Backup to USB drive (pendrive, external drive)	Backup to USB drive (pendrive, external drive)	Backup to USB drive (pendrive, external 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) Intelligent face search AI - simultaneous search in the archive of face recordings based on max 8 photos taking into account the similarity threshold (for each photo separately) 1/4 channel synchronous playback	Records searching: by time + timeline with record type. Playback: forward, fast, slow, step Advanced searching (to the one second accuracy) Intelligent face search AI - simultaneous search in the archive of face recordings based on max 8 photos taking into account the similarity threshold (for each photo separately) 1/4 channel synchronous playback	Records searching: by time + timeline with record type. Playback: forward, fast, slow, step Advanced searching (to the one second accuracy) Intelligent face search AI - simultaneous search in the archive of face recordings based on max 8 photos taking into account the similarity threshold (for each photo separately) 1 or 4 channels synchronous playback, Smart Playback function	Records searching: timeline or file list. Playback: forward, fast, slow. Playback max. 4 cameras in the same time	Records searching: timeline or file list. Playback: forward, fast, slow. All channels synchronous playback, Smart Search function Playback max. 4 cameras in the same time	Records searching: timeline or file list. Playback: forward, fast, slow. Playback max. 4 cameras in the same time	Records searching: timeline or file list. Playback: forward, fast, slow. Playback max. 4 cameras in the same time	Records searching: timeline or file list. Playback: forward, fast, slow. Playback max. 4 cameras in the same time	Records searching: timeline or file list. Playback: forward, fast, slow. Playback max. 4 cameras in the same time
Network interface	...	...	1 x RJ-45 - 10/100 Base-TX	1 x RJ-45 - 10/100 Base-TX	1 x RJ-45 - 10/100 Base-TX	1 x RJ-45 - 10/100 Base-T	1 x RJ-45 - 10/100 Base-T	1 x RJ-45 - 10/100/1000 Base-T	1 x RJ-45 - 10/100 Base-TX
Bitrate	...	...	...	32 ... 10240 kbps	32 ... 10240 kbps	32 ... 6144 kbps	32 ... 6144 kbps	32 ... 16384 kbps	32 ... 10240 kbps
Network functions	Full support via network , Remote records copying , Web Server built-in max. 128 on-line users	Full support via network, Remote records copying, Web Server built-in max. 128 on-line users	Full support via network, Remote records copying, Web Server built-in ONVIF 22.12	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters
Network protocols	...	...	...	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF
Mobile phones support	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS See how to configure the P2P function in Dahua recorders and how to enable the mobile application	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS See how to configure the P2P function in Dahua recorders and how to enable the mobile application	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS See how to configure the P2P function in Dahua recorders and how to enable the mobile application	Port no.: 8000 or access by a cloud (P2P) Android: Free application iVMS-4500 or Hik-Connect iOS (iPhone): Free application iVMS-4500 or Hik-Connect	Port no.: 8000 or access by a cloud (P2P) Android: Free application iVMS-4500 iOS (iPhone): Free application iVMS-4500	Port no.: 8000 or access by a cloud (P2P) • Android: Free application Hik-Connect • iOS: Free application Hik-Connect	Port no.: 8000 or access by a cloud (P2P) • Android: Free application iVMS-4500 or Hik-Connect • iOS (iPhone): Free application iVMS-4500 or Hik-Connect	Port no.: 8000 or access by a cloud (P2P) • Android: Free application iVMS-4500 or Hik-Connect • iOS (iPhone): Free application iVMS-4500 or Hik-Connect	Port no.: 8000 or access by a cloud (P2P) • Android: Free application Hik-Connect • iOS: Free application Hik-Connect
Default IP address	...	...	DHCP or 192.168.1.108	DHCP or 192.168.1.64	DHCP or 192.168.1.64	DHCP or 192.168.1.64	DHCP or 192.168.1.64	DHCP or 192.168.1.64	DHCP or 192.168.1.64
Default admin user / password	...	...	admin / - The administrator password should be set at the first start	admin / - The administrator password should be set at the first start	admin / -	admin / -	admin / -	admin / -	admin / - The administrator password should be set at the first start
Web browser access ports	...	...	...	80	80	80	80	80	80
PC client access ports	...	...	...	554 RTSP, 8000	554 RTSP, 8000	554 RTSP, 8000	554 RTSP, 8000	554 RTSP, 8000	554 RTSP, 8000
Mobile client access ports	...	...	...	8000	8000	8000	8000	8000	8000
Port ONVIF	...	...	...	80	80	80	80	80	80
RTSP URL	...	...	...	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream
Alarm inputs / outputs	–	–	–	–	4 / 1	–	4 / 1	4 / 1	–
Serial ports	...	...	RS-485	...	RS-485	...	...	...	...
PTZ control	IP Speed Dome Cameras Control compatible with coax PTZ HD-CVI RS-485 - PELCO-D/P	IP Speed Dome Cameras Control compatible with coax PTZ HD-CVI RS-485 - PELCO-D/P	IP Speed Dome Cameras Control compatible with coax PTZ HD-CVI RS-485 - PELCO-D/P	Control compatible with coax HD-TVI Hikvision	RS-485 PELCO-D/P Control compatible with coax HD-TVI Hikvision	RS-485 PELCO-D/P Control compatible with coax HD-TVI Hikvision	RS-485 PELCO-D/P Control compatible with coax HD-TVI Hikvision	RS-485 PELCO-D/P Control compatible with coax HD-TVI Hikvision	• Control compatible with coax HD-TVI Hikvision • RS-485 - PELCO-D/P
Motion Detection	✓	Split the screen into zones : 22 x 18 motion zones	✓	Split the screen into zones : 22 x 18 motion zones	✓	2.0	2.0	2.0	2.0
USB	2 pcs USB 2.0	2 pcs USB 2.0	2 pcs USB 2.0	2 x USB 2.0	2 pcs USB 2.0	2 pcs USB 2.0	2 pcs USB 2.0	• 1 pcs USB 2.0 • 1 pcs USB 3.0	2 x USB 2.0
Country of origin	China	China	...	...	...	...	...	...	...
Mouse support	✓	✓	✓	✓	✓	✓	✓	✓	✓
IR remote controller in the set	–	–	–	–	–	–	–	–	–
Main features	• Cooperation with Dahua devices working in the concept of the Internet of Things (IoT), • POS - support the machines installed in the points of sales and displaying the date from them as overlaid text on selected channel window, • SMD PLUS - searching for an object classified as: human, motor vehicle • Coax Audio/Alarm support, • Intelligent image analysis : crossing the line (tripwire), crossing the line (tripwire), abandoned/missing object, classification of people and vehicles • advanced face recognition and search functions • Support for up to 10 face databases, including 20 000 face images • Detection of faces not included in the device database • Searching for faces in recordings based on max 8 selected photos with the ability to independently set the similarity threshold for each photo	• Cooperation with Dahua devices working in the concept of the Internet of Things (IoT), • POS - support the machines installed in the points of sales and displaying the date from them as overlaid text on selected channel window, • SMD PLUS - searching for an object classified as: human, motor vehicle • Coax Audio/Alarm support, • Intelligent image analysis : crossing the line (tripwire), intrusion, classification of people and vehicles • advanced face recognition and search functions • Support for up to 10 face databases, including 10 000 face images • Detection of faces not included in the device database • Searching for faces in recordings based on max 8 selected photos with the ability to independently set the similarity threshold for each photo	• Cooperation with Dahua devices working in the concept of the Internet of Things (IoT), • POS - support the machines installed in the points of sales and displaying the date from them as overlaid text on selected channel window, • SMD PLUS - searching for an object classified as: human, motor vehicle • Filtering of false alarms based on the recognition of persons and vehicles • Bi-directional audio streaming support • Coax Audio/Alarm support, • Intelligent image analysis : crossing the line (tripwire), intrusion, classification of people and vehicles • advanced face recognition and search functions, supports 6 types of facial attributes extraction • Support for up to 10 face databases, including 10 000 face images • Detection of faces not included in the device database • Searching for faces in recordings based on max 8 selected photos with the ability to independently set the similarity threshold for each photo	Intelligent image analysis : crossing the line (tripwire), intrusion, scene changing	• Intelligent image analysis, : intrusion, crossing the line (tripwire), scene changing • PoC - The PoC (Power over Coaxial) technology used in the device allows to power the compatible with this standard cameras via a coaxial cable directly from the recorder, eliminating the need for additional wires or power supplies	• DVR from the AcuSense series • Intelligent image analysis : intrusion, crossing the line (tripwire), Deep Learning technology • Smart motion detection (with recognizing people and vehicles) • Filtering of false alarms based on the recognition of persons and vehicles	• DVR from the AcuSense series • Intelligent image analysis : intrusion, crossing the line (tripwire), Deep Learning technology • Smart motion detection (with recognizing people and vehicles) • Filtering of false alarms based on the recognition of persons and vehicles	• DVR from the AcuSense series, • Intelligent image analysis : crossing the line (tripwire), intrusion, Deep Learning technology • Smart motion detection (with recognizing people and vehicles) • Filtering of false alarms based on the recognition of persons and vehicles	• DVR from the AcuSense series • Intelligent image analysis : crossing the line (tripwire), intrusion, Deep Learning technology • Smart motion detection (with recognizing people and vehicles) • Filtering of false alarms based on the recognition of persons and vehicles
Power supply	12 V DC / 2 A (power adapter included)	12 V DC / 1.5 A (power adapter included)	12 V DC / 1.5 A (power adapter included)	12 V DC / 1.5 A (power adapter included)	48 V DC / 1.35 A (power adapter included)	12 V DC / 1.5 A (power adapter included)	12 V DC / 1.5 A (power adapter included)	12 V DC / 2 A (power adapter included)	12 V DC / 1.5 A (power adapter included)
Power consumption	...	...	max. 5 W - Recorder with HDD	...	< 40 W (without HDD)	...	...	...	...
Color	Black	Black	Black	Black	Black + Graphite	Black	Black	Black	Black
Weight	0.89 kg	0.87 kg	0.92 kg	0.89 kg	1.25 kg	1.15 kg	1.17 kg	1.23 kg	1.1 kg
Dimensions	260 x 236 x 48 mm	260 x 236 x 48 mm	260 x 238 x 48 mm	260 x 236 x 48 mm	315 x 250 x 47 mm	315 x 248 x 45 mm	315 x 248 x 45 mm	315 x 248 x 45 mm	315 x 250 x 45 mm

	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR IDS-E04HQHI-B 4 CHANNELS ACUSENSE Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR IDS-E04HQHI-D 4 CHANNELS ACUSENSE Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR IDS-E04HUHI-B 4 CHANNELS ACUSENSE Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR BCS-L-XVR0401-4KE-IV 4 CHANNELS BCS Line	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR BCS-L-XVR0401-VI 4 CHANNELS BCS Line	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR BCS-V-SXVR0401 4 CHANNELS BCS View	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR BCS-L-SXVR0401-4KE-III 4 CHANNELS BCS Line	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR BCS-V-XVR0401-4KE-AI 4 CHANNELS BCS View	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR BCS-V-XVR0401-AI 4 CHANNELS BCS View
	237.96 EUR 237.96 EUR	257.35 EUR 257.35 EUR	326.30 EUR 326.30 EUR	227.19 EUR 227.19 EUR	147.23 EUR 147.23 EUR	107.25 EUR 107.25 EUR	215.22 EUR 215.22 EUR	223.59 EUR 223.59 EUR	154.41 EUR 154.41 EUR
Standard	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP
Video inputs	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	4 pcs BNC	4 pcs BNC	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	4 pcs BNC	4 pcs BNC	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS
Video outputs	1 pcs HDMI 1 pcs VGA	1 pcs HDMI 1 pcs VGA	1 pcs HDMI 1 pcs VGA	1 pcs HDMI 4K 1 pcs VGA	1 pcs HDMI 1 pcs VGA	1 pcs HDMI 1 pcs VGA	• 1 pcs HDMI 4K • 1 pcs VGA	• 1 pcs HDMI • 1 pcs VGA • 1 pcs CVBS - BNC socket	1 pcs HDMI 1 pcs VGA 1 pcs CVBS - BNC socket
Audio inputs	4 - Audio support via coaxial cable	4 - Audio support via coaxial cable	4 - Audio support via coaxial cable	1 pcs CINCH 4 Channels - Audio support via coaxial cable, HD-CVI only	1 pcs CINCH	1 pcs CINCH, Coaxial audio - Audio from cameras	• 1 pcs CINCH, • 4 pcs Coaxial audio - Audio support via coaxial cable	• 1 pcs CINCH, • 4 pcs Coaxial audio - Audio support via coaxial cable	1 pcs CINCH, Coaxial audio - Audio from cameras
Audio outputs	–	–	–	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH
Image compression method	H.265+ / H.265	H.265+ / H.265	H.265+ / H.265	AI Coding / H.265+ / H.265 / H.264+ / H.264	AI Coding / H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	AI Coding / H.265+ / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264 / H.264+
Image records resolutions	• HD-TVI / HD-CVI / AHD : 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 , • CVBS : 960H - 960 x 576 , • IP : max. 6 Mpx - 3072 x 2048	• HD-TVI : 3K Lite - 1480 x 1665 , 5M-N - 1296 x 1944 , 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 , • AHD / HD-CVI : 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 , • CVBS : 960H - 960 x 576 , • IP : max. 6 Mpx - 3072 x 2048	• HD-TVI : 8 Mpx - 3840 x 2160 - first channel , 3K - 2960 x 1665 , 5 Mpx - 2592 x 1944 , 4 Mpx - 2560 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • AHD / HD-CVI : 5 Mpx - 2592 x 1944 , 4 Mpx - 2560 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • CVBS : 960H - 960 x 576 , • IP : max. 8 Mpx - 3840 x 2160	• AHD / HD-CVI / HD-TVI : 8 Mpx - 3840 x 2160 , 4K-N - 1920 x 2160 , 6 Mpx - 2880 x 1920 - HD-CVI only , 5 Mpx - 2592 x 1944 , 4 Mpx - 2560 x 1440 , 4M-N - 1280 x 1440 , 3 Mpx - 2048 x 1536 - AHD / HD-TVI only , 1080p - 1920 x 1080 , 720p - 1280 x 720 • CVBS : 960H - 960 x 576 • IP : max. 8 Mpx - 3840 x 2160	• AHD / HD-CVI / HD-TVI : 5M-N 1296 x 1944 , 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 • CVBS : 960H - 960 x 576 , • IP : max. 6 Mpx - 3072 x 2048	• HD-TVI : 4M-N - 1280 x 1440 , 3 Mpx - 1920 x 1536 - Channel 1 / 2 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 • AHD / HD-CVI : 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 • CVBS : 960H - 960 x 576 , • IP : max. 6 Mpx - 3072 x 2048	• AHD / HD-CVI / HD-TVI : 8.3 Mpx 4K UHD - 3840 x 2160 , 5 Mpx - 2592 x 1944 , 3.7 Mpx - 2560 x 1440 , 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 ; • HD-CVI : 6 Mpx - 3072 x 2048 ; • AHD / HD-TVI : 3 Mpx - 2048 x 1536 , • CVBS : 960H - 960 x 576 , • IP : max. 8.3 Mpx 4K UHD - 3840 x 2160	• HD-TVI : 8.3 Mpx 4K UHD - 3840 x 2160 1 CH only , 8M-N - 1920 x 2160 2,3,4 CH only , 5 Mpx - 2960 x 1665 (3K) , 3 Mpx - 1920 x 1536 ; • AHD / HD-TVI : 5 Mpx - 2560 x 1944 ; • AHD / HD-CVI / HD-TVI : 3.7 Mpx - 2560 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 ; • CVBS : 960H - 960 x 576 ; • IP : max. 8.3 Mpx 4K UHD - 3840 x 2160	• HD-TVI : 4M-N - 1280 x 1440 , 3 Mpx - 1920 x 1536 1 CH only , 1080p - 1920 x 1080 , 960 x 1080 - 1080N , 720p - 1280 x 720 , • AHD / HD-CVI : 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 960 x 1080 - 1080N , 720p - 1280 x 720 , • PAL : 960H - 960 x 576 , • IP : max. 6 Mpx - 3072 x 2048
Recording speed adjustment	6 Mpx IP @ 1 ... 25 fps 4M-N @ 1 ... 15 fps 1080p @ 1 ... 15 fps 1080N @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	6 Mpx IP @ 1 ... 25 fps 5M-N @ 1 ... 8 fps 3K Lite @ 1 ... 12 fps 4M-N @ 1 ... 15 fps 1080p @ 1 ... 15 fps 1080N @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	8 Mpx IP @ 1 ... 25 fps 8 Mpx @ 1 ... 8 fps 3K @ 1 ... 12 fps 5 Mpx @ 1 ... 12 fps 4 Mpx @ 1 ... 15 fps 1080p @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	8 Mpx IP @ 1 ... 25 fps 8 Mpx @ 1 ... 7 fps 4K-N @ 1 ... 15 fps 6 Mpx @ 1 ... 10 fps 5 Mpx @ 1 ... 12 fps 4 Mpx @ 1 ... 15 fps 4M-N @ 1 ... 25 fps 3 Mpx @ 1 ... 15 fps 1080p @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	6 Mpx IP @ 1 ... 25 fps 5M-N @ 1 ... 10 fps - Channel 1 4M-N @ 1 ... 15 fps 1080p @ 1 ... 15 fps 720p @ 1 ... 25 fps 1080N @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	6 Mpx IP @ 1 ... 25 fps 4M-N @ 1 ... 15 fps 3 Mpx @ 1 ... 15 fps 1080p @ 1 ... 15 fps 1080N @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps D1 @ 1 ... 25 fps for each channel	8.3 Mpx IP @ 1 ... 25 fps 8.3 Mpx @ 1 ... 7 fps 6 Mpx @ 1 ... 10 fps 5 Mpx @ 1 ... 12 fps 3.7 Mpx @ 1 ... 15 fps 4M-N @ 1 ... 25 fps 3 Mpx @ 1 ... 15 fps 1080p @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	8 Mpx IP @ 1 ... 25 fps 8 Mpx @ 1 ... 8 fps 8M-N @ 1 ... 15 fps 5 Mpx @ 1 ... 12 fps 3.7 Mpx @ 1 ... 15 fps 3 Mpx @ 1 ... 18 fps 1080p @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	6 Mpx IP @ 1 ... 25 fps 4M-N @ 1 ... 15 fps 3 Mpx @ 1 ... 15 fps 1080p @ 1 ... 15 fps 1080N @ 1 ... 25 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel
Operation modes	• 4 x HD-TVI / AHD / HD-CVI / PAL + 1 x IP	• 4 x HD-TVI / AHD / HD-CVI / PAL + 1 x IP	• 4 x HD-TVI / AHD / HD-CVI / PAL + 2 x IP	4 x AHD / HD-CVI / HD-TVI / CVBS / IP + 4 x IP	4 x AHD / HD-CVI / HD-TVI / CVBS / IP + 2 x IP	4 x HD-TVI / AHD / HD-CVI / CVBS / IP + 2 x IP	4 x HD-TVI / AHD / HD-CVI / CVBS / IP + 4 x IP	4 x HD-TVI / AHD / HD-CVI / CVBS / IP + 4 x IP	4 x HD-TVI / AHD / HD-CVI / CVBS / IP + 2 x IP
Recording modes	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Sensor, Motion detection, Schedule
Supported hard drives	1 x 512 GB eSSD - Built-in, Space available for records : 480 GB	1 x 1024 GB eSSD - Built-in, Space available for records : 960 GB	1 x 1024 GB eSSD - Built-in, Space available for records : 960 GB	1 x 16 TB SATA	1 x 6 TB SATA	1 x 6 TB SATA	1 x 10 TB SATA	1 x 10 TB SATA	1 x 10 TB SATA
Intelligent image analysis	...	...	...	...	...	...	...	...	...
External storage devices backup	Backup to USB drive (pendrive, external drive)	Backup to USB drive (pendrive, external drive)	Backup to USB drive (pendrive, external drive)	Save single frames and whole records from DVR drive to the USB drive	Save single frames and whole records from DVR drive to the USB drive	Backup to USB drive (pendrive, external drive)	Backup to USB drive (pendrive, external drive)	Backup to USB drive (pendrive, external drive)	Backup to USB drive (pendrive, external drive)
Searching and playback the records	Records searching: timeline or file list. Playback: forward, fast, slow. Playback max. 4 cameras in the same time	Records searching: timeline or file list. Playback: forward, fast, slow. Playback max. 4 cameras in the same time	Records searching: timeline or file list. Playback: forward, fast, slow. Playback max. 4 cameras in the same time	Records searching: by time + timeline with record type. Playback: forward, fast, slow, step Advanced searching (to the one second accuracy) All channels synchronous playback, Smart Search function 1/4 channel synchronous playback	Records searching: by time + timeline with record type. Playback: forward, fast, slow, step Advanced searching (to the one second accuracy)	Records searching: timeline or file list. Playback: forward, fast, slow. Playback max. 8 cameras in the same time	Records searching: timeline or file list. Playback: forward, fast, slow. 1/4 channel synchronous playback	Records searching: timeline or file list. Playback: forward, fast, slow. 1/4 channel synchronous playback	Records searching: timeline or file list. Playback: forward, fast, slow. Playback max. 4 cameras in the same time
Network interface	1 x RJ-45 - 10/100 Base-T	1 x RJ-45 - 10/100 Base-T	1 x RJ-45 - 10/100 Base-T	...	...	1 x RJ-45 - 10/100 Base-TX	1 x RJ-45 - 10/100 Base-TX	1 x RJ-45 - 10/100 Base-TX	1 x RJ-45 - 10/100 Base-TX
Bitrate	...	...	...	...	...	32 ... 6144 kbps	...	...	32 ... 6144 kbps
Network functions	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	Full support via network, Remote records copying, Web Server built-in max. 128 on-line users	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	Full support via network, Remote records copying, Web Server built-in max. 128 on-line users	Full support via network, Remote records copying, Web Server built-in max. 32 on-line users	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters
Network protocols	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, UPnP, HTTPS	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, UPnP, HTTPS	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, UPnP, HTTPS	...	...	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search, ONVIF	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF
Mobile phones support	Port no.: 8000 or access by a cloud (P2P) • Android: Free application Hik-Connect • iOS (iPhone): Free application Hik-Connect	Port no.: 8000 or access by a cloud (P2P) • Android: Free application Hik-Connect • iOS (iPhone): Free application Hik-Connect	Port no.: 8000 or access by a cloud (P2P) • Android: Free application Hik-Connect • iOS (iPhone): Free application Hik-Connect	Port no.: 37777 or access by a cloud (P2P) • Android: Free application BCS Manager • iOS (iPhone): Free application BCS Manager	Port no.: 37777 or access by a cloud (P2P) • Android: Free application BCS Manager • iOS (iPhone): Free application BCS Manager	Port no.: 8000 or access by a cloud (P2P) • Android: Free application BCS Manager • iOS (iPhone): Free application BCS Manager	Port no.: 8000 or access by a cloud (P2P) • Android: Free application BCS Manager • iOS (iPhone): Free application BCS Manager	Port no.: 8000 or access by a cloud (P2P) • Android: Free application BCS Manager • iOS (iPhone): Free application BCS Manager	Port no.: 8000 or access by a cloud (P2P) • Android: Free application BCS View • iOS (iPhone): Free application BCS View
Default IP address	DHCP or 192.168.1.64	DHCP or 192.168.1.64	DHCP or 192.168.1.64	...	...	DHCP or 192.168.1.64	DHCP or 192.168.1.64	DHCP or 192.168.1.64	DHCP or 192.168.1.64
Default admin user / password	admin / -	admin / -	admin / -	...	...	admin / -	admin / - The administrator password should be set at the first start	admin / - The administrator password should be set at the first start	admin / - The administrator password should be set at the first start
Web browser access ports	80	80	80	...	...	80	80	80	80
PC client access ports	554 RTSP, 8000	554 RTSP, 8000	554 RTSP, 8000	...	...	554 RTSP, 8000	554 RTSP, 8000 - CMS application	554 RTSP, 8000 - CMS application	554 RTSP, 8000
Mobile client access ports	8000	8000	8000	...	...	8000	8000	8000	8000
Port ONVIF	80	80	80	...	...	80	80	80	80
RTSP URL	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream	...	...	• Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ • Sub stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream	• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream • rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream
Alarm inputs / outputs	–	–	–	–	–	–	–	–	–
Serial ports	...	...	...	...	...	...	...	...	...
PTZ control	Control compatible with coax HD-TVI Hikvision	Control compatible with coax HD-TVI Hikvision	Control compatible with coax HD-TVI Hikvision	IP Speed Dome Cameras Control compatible with coax PTZ HD-CVI RS-485 - PELCO-D/P	RS-485 - PELCO-D/P and others	Control compatible with coax HD-TVI	IP Speed Dome Cameras	• Control compatible with coax HD-TVI • RS-485 - PELCO-D/P	• Control compatible with coax HD-TVI • RS-485 - PELCO-D/P
Motion Detection	2.0	Split the screen into zones : 22 x 18 motion zones	2.0	Split the screen into zones : 22 x 18 motion zones	Split the screen into zones : 22 x 18 motion zones	Split the screen into zones : 22 x 18 motion zones	Split the screen into zones : 22 x 18 motion zones	Split the screen into zones : 22 x 18 motion zones	Split the screen into zones : 22 x 18 motion zones
USB	2 pcs USB 2.0	2 pcs USB 2.0	2 pcs USB 2.0	2 x USB 2.0	2 x USB 2.0	2 pcs USB 2.0	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0
Country of origin	...	...	...	...	China	...	...	...	...
Mouse support	✓	✓	✓	✓	✓	✓	✓	✓	✓
IR remote controller in the set	–	–	–	–	–	–	–	–	–
Main features	• DVR from the AcuSense series • Intelligent image analysis : intrusion, crossing the line (tripwire), Deep Learning technology • Smart motion detection (with recognizing people and vehicles) • Filtering of false alarms based on the recognition of persons and vehicles	• DVR from the AcuSense series • Intelligent image analysis - Deep Learning technology • Smart motion detection (with recognizing people and vehicles) • Filtering of false alarms based on the recognition of persons and vehicles	• DVR from the AcuSense series • Intelligent image analysis : intrusion, crossing the line (tripwire), Deep Learning technology • Smart motion detection (with recognizing people and vehicles) • Filtering of false alarms based on the recognition of persons and vehicles	• Privacy zones - max. 4 • SMD PLUS - searching for an object classified as: human, motor vehicle, • POS - support the machines installed in the points of sales and displaying the date from them as overlaid text on selected channel window, • Intelligent image analysis : crossing the line (tripwire), intrusion - classification of people and vehicles, face detection	Intelligent image analysis : crossing the line (tripwire), intrusion - classification of people and vehicles, abandoned/missing object, face detection, • SMD PLUS - searching for an object classified as: human, motor vehicle, non-motor vehicle - 4 Channels	...	• Intelligent image analysis : intrusion, crossing the line (tripwire), face detection • SMD PLUS - searching for an object classified as: human, motor vehicle • POS - support the machines installed in the points of sales and displaying the date from them as overlaid text on selected channel window	• Intelligent image analysis : intrusion, crossing the line (tripwire) • SMD PLUS - searching for an object classified as: human, motor vehicle	• Intelligent image analysis : intrusion, crossing the line (tripwire) • Smart motion detection (with recognizing people and vehicles) • Filtering of false alarms based on the recognition of persons and vehicles
Power supply	12 V DC / 1 A (power adapter included)	12 V DC / 1 A (power adapter included)	12 V DC / 1 A (power adapter included)	12 V DC / 2 A (power adapter included)	12 V DC / 1.5 A (power adapter included)	12 V DC / 1.5 A (power adapter included)	12 V DC / 2 A (power adapter included)	12 V DC / 1.5 A (power adapter included)	12 V DC / 1.5 A (power adapter included)
Power consumption	...	...	...	...	...	...	max. 7 W	max. 10 W	...
Color	Black	Black	Black	Black	Black	White	Black	Black	Black
Weight	0.42 kg	0.42 kg	0.44 kg	0.9 kg	0.87 kg	0.51 kg	0.48 kg	1.17 kg	1.15 kg
Dimensions	152 x 122 x 46 mm	152 x 122 x 46 mm	152 x 122 x 46 mm	260 x 240 x 48 mm, RACK 19", 1U	260 x 236 x 47 mm	210 x 200 x 48 mm	211 x 205 x 45 mm	315 x 250 x 45 mm	315 x 250 x 45 mm

Supported languages	Polish, English, Bulgarian, Czech, French, Greek, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Czech, French, Greek, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Czech, French, Spanish, German, Portuguese, Russian, Turkish, Hungarian, Italian	English, Czech, French, Spanish, Dutch, German, Polish, Portuguese, Slovak, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Czech, Finnish, Greek, Romanian, Serbian, Slovenian, Hungarian	Polish, English, Czech, Danish, Finnish, French, Greek, Spanish, Dutch, German, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Hungarian, Italian	Polish, English, Czech, Danish, Finnish, French, Greek, Spanish, Dutch, German, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Hungarian, Italian	Polish, English, Czech, Danish, Finnish, French, Greek, Spanish, Dutch, German, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Hungarian, Italian	Polish, English, Czech, Danish, Finnish, French, Greek, Spanish, Dutch, German, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English	English, Polish	Polish, English	Polish, English, Czech, Danish, Finnish, French, Greek, Spanish, Dutch, German, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian
Manufacturer / Brand	APTI	APTI	APTI	BCS BASIC	Hikvision	Hikvision	Hikvision	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	Hikvision	Hikvision	Hikvision	Hikvision	Hikvision	Hikvision	Hikvision	Hikvision	Hikvision	BCS Line	BCS	BCS View	BCS Line	BCS View	BCS View
SAP Code	...	...	...	...	300226668	300227085	300228280	...	...	...	...	...	300227087	300219949	300226826	300226828	300227790	300226972	300228637	300228635	300228661	...	...	...	...	...	...
Guarantee	2 years	2 years	2 years	3 years	3 years	3 years	3 years	3 years	3 years	5 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years