	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR APTI-NX0401-S32 4 CHANNELS	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR APTI-XB0401-S33 4 CHANNELS	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR APTI-XB0401H-S31 4 CHANNELS	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR APTI-XB0401H-S32 4 CHANNELS	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR APTI-XB0401HS-S4 4 CHANNELS	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR APTI-XB0402HS-4KS4 4 CHANNELS 4K UHD
	39.28 EUR 48.31 EUR	43.61 EUR 53.64 EUR	52.26 EUR 64.28 EUR	56.58 EUR 69.59 EUR	80.59 EUR 99.13 EUR	126.13 EUR 155.14 EUR
Standard	AHD, HD-CVI, HD-TVI, PAL, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, PAL, TCP/IP	AHD, HD-CVI, HD-TVI, PAL, TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	AHD, HD-CVI, HD-TVI, PAL, TCP/IP
Video inputs	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
Video outputs	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 Composite Video (CVBS) - BNC socket	• 1 pcs HDMI • 1 pcs VGA	• 1 pcs HDMI • 1 pcs VGA • 1 pcs CVBS - BNC socket
Audio inputs	4 pcs CINCH	1 pcs CINCH	4 pcs CINCH	2 pcs CINCH	4 pcs CINCH	4 pcs CINCH
Audio outputs	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs BNC
Number of compression levels	...	...	...	...	...	...
Image compression method	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
Maximal total frame rate	...	...	...	...	...	...
Image records resolutions	• AHD / HD-CVI / HD-TVI : 960 x 1080, 1280 x 720 • AHD / PAL : 960 x 576, • IP : max. 1920 x 1080	• AHD / HD-TVI : 5M-N - 1296 x 1944 px, 4M-N - 1280 x 1440 px, 3M-N - 1024 x 1536 px, 1080N - 960 x 1080 px, 720p - 1280 x 720 px, • HD-CVI : 4M-N - 1280 x 1440 px, 1080N 960 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 : 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 : 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 : 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 : 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, • 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, • CVBS : 960H - 960 x 576 px, • IP : max. 8.3 Mpx - 3840 x 2160 px - 4K UHD
Network interface	...	...	...	...	...	...
Bitrate	...	...	...	...	...	...
Power consumption	...	...	...	...	...	...
Recording speed adjustment	1 ... 25 fps @ 1920 x 1080 px - IP 1 ... 25 fps @ 960 x 1080 px 1 ... 25 fps @ 1280 x 720 px 1 ... 25 fps @ 960 x 576 px for each channel	5 Mpx IP @ 1 ... 25 fps 5M-N @ 1 ... 8 fps 4M-N @ 1 ... 15 fps 3M-N @ 1 ... 18 fps 1080N @ 1 ... 18 fps 720p @ 1 ... 20 fps 960H @ 1 ... 25 fps for each channel	5 Mpx IP @ 1 ... 25 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 1080p @ 1 ... 15 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps 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 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 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel	8.3 Mpx IP @ 1 ... 25 fps 8.3 Mpx @ 1 ... 12 fps 5 Mpx @ 1 ... 20 fps 4 Mpx @ 1 ... 25 fps 3 Mpx @ 1 ... 18 fps 1080p @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel
Network protocols	...	...	...	...	...	...
Operation modes	• 4 x AHD / HD-CVI / HD-TVI @ 1080N • 2 x AHD / HD-CVI / HD-TVI @ 1080N + 2 x IP @ 1080p • 9 x IP max. 1080p 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 AHD / HD-CVI / HD-TVI / CVBS + 4 x IP • 9 x IP 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 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 + 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 • 2 x AHD / HD-CVI / HD-TVI / CVBS + 7 x IP max. 8 Mpx • 4 x IP max. 8.3 Mpx • 12 x IP max. 5 Mpx • 16 x IP max. 4 Mpx 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 AHD / HD-CVI / HD-TVI / CVBS + 14 x IP max. 8 Mpx • 32 x IP max. 8 Mpx All modes allow for any combination of the AHD, HD-CVI, HD-TVI, CVBS cameras
Recording modes	Motion Detection, Schedule	Motion Detection, Schedule	Motion Detection, Schedule	Motion Detection, Schedule	Motion Detection, Schedule	Motion Detection, Schedule
Supported hard drives	1 x 8 TB SATA	1 x 8 TB SATA	1 x 8 TB SATA	1 x 8 TB SATA	1 x 8 TB SATA	2 x 6 TB SATA
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)	Records backup at (.avi) format to USB (pendrive)	Records backup at (.avi) format to USB (pendrive)	Records backup at (.avi) format to USB (pendrive)
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: 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. 8 channels in the same time
Network functions	Network Client Software and IE browser: live view, playback and backup of the records, 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 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 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
Default IP address	192.168.1.88	192.168.1.88	192.168.1.88	192.168.1.88	192.168.1.88	192.168.1.88
Default admin user / password	admin / 12345	admin / 12345	admin / 12345	admin / 12345	admin / 12345	admin / 12345
Web browser access ports	80, 5000, 554	80, 5000, 554	80, 5000, 554	80, 5000, 554	80, 5000, 554	80, 5000, 554
PC client access ports	80, 5000, 554	80, 5000, 554	80, 5000, 554	80, 5000, 554	80, 5000, 554	80, 5000, 554
Mobile phones support	Port no.: 554 or access by a cloud (P2P) • Android: Darmowa aplikacja FREEIP PRO, Android: Darmowa aplikacja FREEIP • iOS (iPhone): Darmowa aplikacja FREEIP PRO, iOS (iPhone): Darmowa aplikacja FREEIP	Port no.: 6000 or access by a cloud (P2P) • Android: Darmowa aplikacja BitVision, Android: Darmowa aplikacja iVMS320 • iOS (iPhone): Darmowa aplikacja BitVision, iOS: Darmowa aplikacja iVMS320	Port no.: 6000 or access by a cloud (P2P) • Android: Darmowa aplikacja BitVision, Android: Darmowa aplikacja iVMS320 • iOS (iPhone): Darmowa aplikacja BitVision, iOS: Darmowa aplikacja iVMS320	Port no.: 6000 or access by a cloud (P2P) • Android: Darmowa aplikacja BitVision, Android: Darmowa aplikacja iVMS320 • iOS (iPhone): Darmowa aplikacja BitVision, iOS: Darmowa aplikacja iVMS320	Port no.: 6000 or access by a cloud (P2P) • Android: Darmowa aplikacja BitVision, Android: Darmowa aplikacja iVMS320 • iOS (iPhone): Darmowa aplikacja BitVision, iOS: Darmowa aplikacja iVMS320	Port no.: 6000 or access by a cloud (P2P) • Android: Darmowa aplikacja BitVision, Android: Darmowa aplikacja iVMS320 • iOS (iPhone): Darmowa aplikacja BitVision, iOS: Darmowa aplikacja iVMS320
Mobile client access ports	80, 5000, 554	80, 5000, 6000	80, 5000, 6000	80, 5000, 6000	80, 5000, 6000	80, 5000, 6000
Port ONVIF	...	...	...	...	...	...
RTSP URL	...	...	...	...	...	...
Alarm inputs / outputs	—	—	—	4 / 1	—	—

	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR-104-Q 4 CHANNELS UNIARCH	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-7104HQHI-K1(S) 4 CHANNELS Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-7104HUHI-K1(S) 4 CHANNELS Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR1B04 4 CHANNELS DAHUA	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR5104H-I 4 CHANNELS DAHUA
	94.38 EUR 116.09 EUR	114.42 EUR 140.74 EUR	180.19 EUR 221.63 EUR	93.25 EUR 114.70 EUR	135.14 EUR 166.22 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
Video inputs	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
Video outputs	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
Audio inputs	1 pcs CINCH	1 pcs CINCH, Coaxial audio - Audio from cameras	1 pcs CINCH, Coaxial audio - Audio from cameras	• 1 pcs CINCH, • 4 - Audio support via coaxial cable, HD-CVI only	• 1 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
Number of compression levels	...	...	...	...	...
Image compression method	H.265 / 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+
Maximal total frame rate	...	...	...	...	...
Image records resolutions	• AHD / HD-TVI : 8M-N - 1920 x 2160, Channel 1 , 5M-N - 1296 x 1944 , 4M-N - 1280 x 1440 , 3 Mpx - 2048 x 1536, Channel 1 , 1080p - 1920 x 1080 , 720p - 1280 x 720 • HD-CVI : 8M-N - 1920 x 2160, Channel 1 , 5M-N - 1296 x 1944 , 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 • CVBS : 960H - 960 x 576 , • IP : max. 8 Mpx - 3840 x 2160	• 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 , 5.0 Mpx - 2560 x 1944 , 3.7 Mpx - 2560 x 1440 , 3.0 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	• 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
Network interface	...	1 x RJ-45 - 10/100 Base-TX	1 x RJ-45 - 10/100 Base-TX	...	...
Bitrate	...	32 ... 6144 kbps	32 ... 10240 kbps	...	...
Power consumption	≤ 8 W (without HDD)	...	...	...	...
Recording speed adjustment	8 Mpx IP @ 1 ... 25 fps 8M-N @ 1 ... 8 fps - Channel 1 5M-N @ 1 ... 12 fps 4M-N @ 1 ... 15 fps 3 Mpx @ 1 ... 15 fps - Channel 1 1080p @ 1 ... 15 fps 720p @ 1 ... 30 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 Mpx IP @ 1 ... 25 fps 8 Mpx @ 1 ... 8 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	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
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	...	...
Operation modes	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 AHD / HD-CVI / HD-TVI / CVBS / IP + 1 x IP	4 x AHD / HD-CVI / HD-TVI / 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
Supported hard drives	1 x 10 TB SATA	1 x 6 TB SATA	1 x 6 TB SATA	1 x 6 TB SATA	1 x 6 TB SATA
External storage devices backup	Save single frames and whole records from DVR drive to the USB drive	Backup to USB drive (pendrive)	Backup to USB drive (pendrive)	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: by time + timeline with record type. Playback: forward, fast, slow, step Advanced searching (to the one second accuracy) Synchronous playback of all channels	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) All channels synchronous playback, Smart Search function
Network functions	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
Default IP address	...	DHCP or 192.168.1.64	DHCP or 192.168.1.64	...	...
Default admin user / password	...	admin / -	admin / -	...	...
Web browser access ports	...	80	80	...	...
PC client access ports	...	554 RTSP, 8000	554 RTSP, 8000	...	...
Mobile phones support	Port no.: 80 or access by a cloud (P2P) • Android: Darmowa aplikacja Uniarch • iOS (iPhone): Darmowa aplikacja Uniarch	Port no.: 8000 or access by a cloud (P2P) • Android: Darmowa aplikacja iVMS-4500 or Hik-Connect • iOS (iPhone): Darmowa aplikacja iVMS-4500 or Hik-Connect	Port no.: 8000 or access by a cloud (P2P) • Android: Darmowa aplikacja iVMS-4500 or Hik-Connect • iOS (iPhone): Darmowa aplikacja iVMS-4500 or Hik-Connect	Port no.: 37777 or access by a cloud (P2P) • Android: Darmowa aplikacja gDMSS Plus • iOS (iPhone): Darmowa aplikacja iDMSS Plus 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: Darmowa aplikacja gDMSS Plus • iOS (iPhone): Darmowa aplikacja iDMSS Plus See how to configure the P2P function in Dahua recorders and how to enable the mobile application
Mobile client access ports	...	8000	8000	...	...
Port ONVIF	...	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	...	...
Alarm inputs / outputs	—	—	—	—	—

	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR5104H-X-4P 4 CHANNELS DAHUA	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR5104HE-I2 4 CHANNELS DAHUA	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR5104HS-4KL-I2 4 CHANNELS DAHUA	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR5104HS-4KL-X 4 CHANNELS DAHUA	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR5104HS-I2 4 CHANNELS DAHUA	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR5104HS-X1 4 CHANNELS DAHUA
	156.77 EUR 192.83 EUR	178.39 EUR 219.42 EUR	173.44 EUR 213.33 EUR	165.10 EUR 203.07 EUR	113.75 EUR 139.91 EUR	113.75 EUR 139.91 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
Video inputs	4 pcs BNC	4 pcs BNC	4 pcs BNC	4 pcs BNC	4 pcs BNC	4 pcs BNC
Video outputs	• 1 pcs HDMI • 1 pcs VGA	1 pcs HDMI 1 pcs VGA	1 pcs HDMI 4K 1 pcs VGA	• 1 pcs HDMI 4K • 1 pcs VGA	1 pcs HDMI 1 pcs VGA	1 pcs HDMI 1 pcs VGA
Audio inputs	• 1 pcs CINCH, • 4 - Audio support via coaxial cable, HD-CVI only	• 4 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 - Audio support via coaxial cable, HD-CVI only	• 1 pcs - CINCH • 4 - Audio support via coaxial cable, HD-CVI only	• 1 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
Number of compression levels	6	...	...	...	...	...
Image compression method	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+	AI Coding / H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264 / H.264+
Maximal total frame rate	...	...	...	...	...	...
Image records resolutions	• AHD / HD-CVI / HD-TVI : 5M-N - 1296 x 1944 , 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 • CVBS : 960H - 960 x 576 • IP : 6 Mpx - 3072 x 2048	• 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 : 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	• HD-CVI : 8 Mpx 4K UHD - 3840 x 2160 , 4K-N - 1920 x 2160 , 6 Mpx - 2880 x 1920 , 5 Mpx - 2592 x 1944 , 4 Mpx - 2560 x 1440 , 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • AHD : 5 Mpx - 2592 x 1944 , 4 Mpx - 2560 x 1440 , 4M-N - 1280 x 1440 , 3 Mpx - 2048 x 1536 , 1080p - 1920 x 1080 , 720p - 1280 x 720 , • HD-TVI : 5 Mpx - 2592 x 1944 , 4 Mpx - 2560 x 1440 , 4M-N - 1280 x 1440 , 3 Mpx - 2048 x 1536 , 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 : 5M-N - 1296 x 1944 - 1 CH only , 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
Network interface	...	...	...	...	...	...
Bitrate	...	...	...	...	...	...
Power consumption	...	...	...	...	...	...
Recording speed adjustment	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 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	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	• IP : 8 Mpx @ 1 ... 25 fps • Channel 1 : 8 Mpx @ 1 ... 7 fps 6 Mpx @ 1 ... 10 fps 5 Mpx @ 1 ... 12 fps • Channels 1 - 4 : 4K-N @ 1 ... 7 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 5M-N @ 1 ... 10 fps - 1 CH only 4M-N @ 1 ... 15 fps 1080p @ 1 ... 15 fps 1080N @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel
Network protocols	...	...	...	...	...	...
Operation modes	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 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 AHD / HD-CVI / HD-TVI / CVBS / IP + 2 x IP
Recording modes	Manual, Motion Detection, Schedule	Manual, Sensor, Motion detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule
Supported hard drives	1 x 10 TB SATA	1 x 6 TB SATA	1 x 10 TB SATA	1 x 10 TB SATA	1 x 6 TB SATA	1 x 6 TB SATA
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	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
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)	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)	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)	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)	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	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
Default IP address	...	...	...	...	...	...
Default admin user / password	...	...	...	...	...	...
Web browser access ports	...	...	...	...	...	...
PC client access ports	...	...	...	...	...	...
Mobile phones support	Port no.: 37777 or access by a cloud (P2P) • Android: Darmowa aplikacja gDMSS Plus • iOS (iPhone): Darmowa aplikacja iDMSS Plus 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: Darmowa aplikacja gDMSS Plus • iOS (iPhone): Darmowa aplikacja iDMSS Plus 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: Darmowa aplikacja gDMSS Plus • iOS (iPhone): Darmowa aplikacja iDMSS Plus 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: Darmowa aplikacja gDMSS Plus • iOS (iPhone): Darmowa aplikacja iDMSS Plus 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: Darmowa aplikacja gDMSS Plus • iOS (iPhone): Darmowa aplikacja iDMSS Plus 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: Darmowa aplikacja gDMSS Plus • iOS (iPhone): Darmowa aplikacja iDMSS Plus See how to configure the P2P function in Dahua recorders and how to enable the mobile application
Mobile client access ports	...	...	...	...	...	...
Port ONVIF	...	...	...	...	...	...
RTSP URL	...	...	...	...	...	...
Alarm inputs / outputs	—	8 / 3	—	—	—	—

	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR7104E-4KL-X 4 CHANNELS DAHUA	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR7104HE-4K-I2 4 CHANNELS DAHUA	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR XVR7104HE-4KL-X 4 CHANNELS DAHUA	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-7104HGHI-F1 4 CHANNELS Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-7204HQHI-K1/A 4 CHANNELS Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-7204HQHI-K1/A(S) 4 CHANNELS Hikvision
	238.08 EUR 292.84 EUR	304.07 EUR 374.01 EUR	239.43 EUR 294.50 EUR	73.65 EUR 90.59 EUR	142.35 EUR 175.09 EUR	150.69 EUR 185.35 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, PAL, TCP/IP	AHD, HD-CVI, HD-TVI, PAL, TCP/IP	AHD, HD-CVI, HD-TVI, PAL, TCP/IP
Video inputs	4 pcs BNC	4 pcs BNC	4 pcs BNC	4 pcs BNC - HD-TVI / AHD / HD-CVI / CVBS	4 pcs BNC - AHD / HD-CVI / HD-TVI / PAL	4 pcs BNC - AHD / HD-CVI / HD-TVI / PAL
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 4K • 1 pcs VGA	• 1 pcs HDMI • 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 BNC - CVBS	1 pcs HDMI 1 pcs VGA 1 pcs BNC - CVBS
Audio inputs	• 1 pcs CINCH, • Audio support via coaxial cable	• 4 pcs CINCH, • 4 pcs BNC - Audio support via coaxial cable, HD-CVI only	• 4 pcs CINCH, • 4 pcs BNC - Audio support via coaxial cable, HD-CVI only	1 pcs CINCH	4 pcs CINCH	4 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
Number of compression levels	6	...	...	6	6	...
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.264 / H.264+	H.265 / H.265+ / H.264 / H.264+	H.265+ / H.265 / H.264+ / H.264
Maximal total frame rate	...	...	...	100 fps @ 960 x 1080 px, 100 fps @ 1280 x 960 px IP 100 fps @ 1280 x 720 px, 100 fps @ 960 x 576 px 100 fps @ 704 x 576 px 100 fps @ 640 x 480 px	...	...
Image records resolutions	• HD-CVI : 8 Mpx - 3840 x 2160 , 5 Mpx - 2592 x 1944 , 6 Mpx - 2880 x 1920 , 4 Mpx - 2560 x 1440 , 1080p - 1920 x 1080 , 4M-N - 1280 x 1440 , 720p - 1280 x 720 • AHD : 5 Mpx - 2592 x 1944 , 4 Mpx - 2560 x 1440 , 3 Mpx - 2048 x 1536 , 1080p - 1920 x 1080 , 720p - 1280 x 720 • HD-TVI : 5 Mpx - 2592 x 1944 , 4 Mpx - 2560 x 1440 , 3 Mpx - 2048 x 1536 , 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	• HD-CVI : 8 Mpx - 3840 x 2160 1 CH only , 4K-N - 1920 x 2160 , 6 Mpx - 2880 x 1920 1 CH only , 4 Mpx - 2560 x 1440 , 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 720p - 1280 x 720 • AHD : 5 Mpx - 2592 x 1944 1 CH only , 4 Mpx - 2560 x 1440 , 3 Mpx - 2048 x 1536 , 1080p - 1920 x 1080 , 720p - 1280 x 720 • HD-TVI : 5 Mpx - 2592 x 1944 1 CH only , 4 Mpx - 2560 x 1440 , 3 Mpx - 2048 x 1536 , 1080p - 1920 x 1080 , 720p - 1280 x 720 • CVBS : 960H - 960 x 576 • IP : max. 8 Mpx - 3840 x 2160	• HD-TVI / AHD / HD-CVI : 960 x 1080 - 1080N , 1280 x 720 - 720p , • PAL : 960 x 576 - 960H , 704 x 576 - 4CIF , • IP : max. 960p - 1280 x 960	• 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 • PAL : 960H - 960 x 576 , D1 - 704 x 576 • IP : max. 6 Mpx - 3072 x 2048	• HD-TVI : 3 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 • PAL : 960H - 960 x 576 , D1 - 704 x 576 • IP : max. 6 Mpx - 3072 x 2048
Network interface	...	...	...	1 x RJ-45 - 10/100 Base-T	1 x RJ-45 - 10/100 Base-TX	1 x RJ-45 - 10/100 Base-TX
Bitrate	...	...	...	32 ... 4096 kbps	32 ... 6144 kbps	32 ... 6144 kbps
Power consumption	...	...	...	...	...	...
Recording speed adjustment	8 Mpx IP @ 1 ... 25 fps 8 Mpx @ 1 ... 15 fps 6 Mpx @ 1 ... 20 fps 5 Mpx @ 1 ... 20 fps 4 Mpx @ 1 ... 25 fps 3 Mpx @ 1 ... 25 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 ... 15 fps 4K-N @ 1 ... 25 fps 6 Mpx @ 1 ... 20 fps 5 Mpx @ 1 ... 20 fps 4 Mpx @ 1 ... 25 fps 4M-N @ 1 ... 25 fps 3 Mpx @ 1 ... 25 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 ... 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	1 ... 25 fps @ 960 x 1080 px 1 ... 25 fps @ 1280 x 960 px IP 1 ... 25 fps @ 1280 x 720 px 1 ... 25 fps @ 960 x 576 1 ... 25 fps @ 704 x 576 1 ... 25 fps @ 640 x 480 px 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
Network protocols	...	...	...	TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP, HTTPS	TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF
Operation modes	4 x AHD / HD-CVI / HD-TVI / CVBS / IP + 4 x IP	4 x AHD / HD-CVI / HD-TVI / CVBS / IP + 4 x IP	4 x AHD / HD-CVI / HD-TVI / CVBS / IP + 4 x IP	• 4 x 1080N max. 25 fps • 4 x 720p max. 25 fps All modes allow for any combination of the AHD-H, HD-CVI, HD-TVI, CVBS cameras • 4 x 960p max. 25 fps IP	Firmware V3.5.37 build 180801 4 x HD-TVI / AHD / HD-CVI / PAL / IP + 2 x IP	4 x HD-TVI / AHD / HD-CVI / PAL / IP + 2 x IP
Recording modes	Manual, Sensor, Motion detection, Schedule	Manual, Sensor, Motion detection, Schedule	Manual, Sensor, Motion detection, Schedule	Manual, Motion Detection, Schedule	Manual, Motion Detection, Schedule	Manual, Sensor, Motion detection, Schedule
Supported hard drives	1 x 10 TB SATA	1 x 10 TB SATA	1 x 10 TB SATA	1 x 6 TB SATA	1 x 10 TB SATA	1 x 10 TB SATA
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)	Backup to USB drive (pendrive)	Backup to USB drive (pendrive)
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) All channels synchronous playback, Smart Search function	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	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	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 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	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
Default IP address	...	...	...	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 / -
Web browser access ports	...	...	...	80	80	80
PC client access ports	...	...	...	Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application	554 RTSP, 8000	554 RTSP, 8000
Mobile phones support	Port no.: 37777 or access by a cloud (P2P) • Android: Darmowa aplikacja gDMSS Plus • iOS (iPhone): Darmowa aplikacja iDMSS Plus 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: Darmowa aplikacja gDMSS Plus • iOS (iPhone): Darmowa aplikacja iDMSS Plus 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: Darmowa aplikacja gDMSS Plus • iOS (iPhone): Darmowa aplikacja iDMSS Plus 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: Darmowa aplikacja iVMS-4500 or Hik-Connect iOS (iPhone): Darmowa aplikacja iVMS-4500 or Hik-Connect	Port no.: 8000 or access by a cloud (P2P) Android: Darmowa aplikacja iVMS-4500 iOS (iPhone): Darmowa aplikacja iVMS-4500	Port no.: 8000 or access by a cloud (P2P) Android: Darmowa aplikacja iVMS-4500 iOS (iPhone): Darmowa aplikacja iVMS-4500
Mobile client access ports	...	...	...	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	—	8 / 3	8 / 3	—	4 / 1	4 / 1

	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-7204HQHI-K1/P(B) 4 CHANNELS Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-7204HUHI-K1 4 CHANNELS Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-7204HUHI-K1/E 4 CHANNELS Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR IDS-7204HQHI-M1/S 4 CHANNELS Hikvision	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR BCS-XVR0401-IV 4 CHANNELS	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR BCS-XVR0401E-IV 4 CHANNELS
	191.00 EUR 234.93 EUR	183.80 EUR 226.07 EUR	186.72 EUR 229.67 EUR	143.03 EUR 175.93 EUR	111.49 EUR 137.13 EUR	106.99 EUR 131.60 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
Video inputs	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	4 pcs BNC
Video outputs	1 pcs HDMI 1 pcs VGA 1 pcs BNC - CVBS	1 pcs HDMI 1 pcs VGA 1 pcs CVBS - BNC socket	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 HDMI 1 pcs VGA
Audio inputs	1 pcs CINCH	4 pcs CINCH	1 pcs CINCH, Coaxial audio - Audio from cameras	1 pcs CINCH, Coaxial audio - Audio from cameras	1 pcs CINCH	1 pcs CINCH
Audio outputs	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH	1 pcs CINCH
Number of compression levels	6	...	...	...	6	...
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.265 / H.264+ / H.264	H.265+ / H.265 / H.264 / H.264+	H.265+ / H.265 / H.264+ / H.264
Maximal total frame rate	...	...	...	...	...	...
Image records resolutions	• HD-TVI : 4M-N - 1280 x 1440 , 3.0 Mpx - 1920 x 1536, Channel 1 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 , • AHD : 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 , • HD-CVI : 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 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 : 5.0 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. 8.0 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 : 5.0 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. 8.0 Mpx - 3840 x 2160	• HD-TVI : 3 Mpx - 1920 x 1536, Channel 1 , 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 : 5M-N 1296 x 1944 - 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 , • IP : max. 6 Mpx - 3072 x 2048	• AHD / HD-CVI / HD-TVI : 5M-N - 1296 x 1944 - 1 CH only , 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
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	...	...
Bitrate	32 ... 6144 kbps	32 ... 10240 kbps	32 ... 10240 kbps	32 ... 6144 kbps	...	...
Power consumption	...	...	...	...	...	...
Recording speed adjustment	6 Mpx IP @ 1 ... 25 fps IP 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	1 ... 25 fps @ 3840 x 2160 px IP 1 ... 8 fps @ 3840 x 2160 px 1 ... 12 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 @ 704 x 576 1 ... 25 fps @ 640 x 480 px 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	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 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 5M-N @ 1 ... 10 fps - 1 CH only 4M-N @ 1 ... 15 fps 1080p @ 1 ... 15 fps 1080N @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps for each channel
Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, PPPoE, DHCP, Hik Cloud P2P, 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	...	...
Operation modes	4 x HD-TVI / AHD / HD-CVI / CVBS / 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	Firmware V4.20.000, Buiid 181107 • 4 x HD-TVI / AHD / HD-CVI / PAL / IP + 2 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
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
Supported hard drives	1 x 10 TB SATA	1 x 10 TB SATA	1 x 10 TB SATA	1 x 10 TB SATA	1 x 6 TB SATA	1 x 6 TB SATA
External storage devices backup	Backup to USB drive (pendrive)	Backup to USB drive (pendrive)	Backup to USB drive (pendrive)	Backup to USB drive (pendrive)	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, 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	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)
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	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
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	...	...
Default admin user / password	admin / - The administrator password should be set at the first start	admin / -	admin / - The administrator password should be set at the first start	admin / -	...	...
Web browser access ports	80	80	80	80	...	...
PC client access ports	554 RTSP, 8000	554 RTSP, 8000	554 RTSP, 8000	554 RTSP, 8000	...	...
Mobile phones support	Port no.: 8000 or access by a cloud (P2P) Android: Darmowa aplikacja iVMS-4500, Hik-Connect iOS (iPhone): Darmowa aplikacja iVMS-4500, Hik-Connect	Port no.: 8000 or access by a cloud (P2P) Android: Darmowa aplikacja iVMS-4500 iOS (iPhone): Darmowa aplikacja iVMS-4500	Port no.: 8000 or access by a cloud (P2P) Android: Darmowa aplikacja iVMS-4500 or Hik-Connect iOS (iPhone): Darmowa aplikacja iVMS-4500 or	Port no.: 8000 or access by a cloud (P2P) • Android: Darmowa aplikacja iVMS-4500 or Hik-Connect • iOS (iPhone): Darmowa aplikacja iVMS-4500 or Hik-Connect	Port no.: 37777 or access by a cloud (P2P) • Android: Darmowa aplikacja gDMSS Plus • iOS (iPhone): Darmowa aplikacja iDMSS Plus	Port no.: 37777 or access by a cloud (P2P) • Android: Darmowa aplikacja gDMSS Plus • iOS (iPhone): Darmowa aplikacja iDMSS Plus
Mobile client access ports	8000	8000	8000	8000	...	...
Port ONVIF	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	...	...
Alarm inputs / outputs	—	4 / 1	—	—	—	—

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PTZ control	Pelco-D, Pelco-P	RS-485 interface : Pelco-D, Pelco-P	Pelco-D, Pelco-P	Pelco-D, Pelco-P	Pelco-D, Pelco-P	Pelco-D, Pelco-P	RS-485 - PELCO-D/P and others	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
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	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 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 x USB 2.0
Mouse support	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IR remote controller in the set	–	–	–	–	–	–	–	–	–	–
Main features	…	…	…	…	…	…	…	…	…	…
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 / 2 A (power adapter included)	12 V DC / 4 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 / 1.5 A (power adapter included)
Color	Black	Black	Black	Black	Black	Black	Black	White	White	Black
Weight	0.75 kg	0.69 kg	0.75 kg	0.73 kg	0.73 kg	1.36 kg	0.94 kg	0.49 kg	0.51 kg	0.54 kg
Dimensions	260 x 225 x 46 mm	260 x 226 x 46 mm	260 x 226 x 45 mm	260 x 226 x 45 mm	260 x 225 x 45 mm	310 x 306 x 47 mm	260 x 251 x 46 mm	210 x 200 x 47 mm	200 x 208 x 48 mm	197 x 204 x 41 mm
Country of origin	China	China	China	China	China	China	China	…	…	China
Supported languages	Polish, English, Bulgarian, Czech, French, Spanish, German, Portuguese, Russian, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Czech, French, Greek, Spanish, Dutch, German, Portuguese, Russian, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Czech, French, Spanish, German, Portuguese, Russian, 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	Polish, English, Bulgarian, Czech, French, Greek, Spanish Dutch, German, Portuguese, Russian, Romanian, Turkish, Hungarian, Italian	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Slovenian, 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
Manufacturer / Brand	APTI	APTI	APTI	APTI	APTI	APTI	UNIVIEW / UNIARCH	Hikvision	Hikvision	DAHUA
SAP Code	…	…	…	…	…	…	…	300224905	300224913	…
Guarantee	2 years	2 years	2 years	2 years	2 years	2 years	3 years	3 years	3 years	3 years

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	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	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	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	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 pcs USB 2.0	…	2 pcs USB 2.0	2 pcs USB 2.0	…	1 pcs USB 3.0 1 pcs USB 2.0	2 pcs USB 2.0
Mouse support	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IR remote controller in the set	–	–	–	–	–	–	–	–	–	–
Main features	Intelligent Image Analysis : crossing the line (tripwire), crossing the line (tripwire), abandoned/missing object	• 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 • Intelligent Image Analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection	• 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, • 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 and vehicle 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, • 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 and vehicle 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	Intelligent Image Analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection	• 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, • 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 and vehicle 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	Intelligent Image Analysis : crossing the line (tripwire), crossing the line (tripwire), abandoned/missing object, face detection	• 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, • Coax Audio/Alarm support, • Intelligent Image Analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection	• 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, • Coax Audio/Alarm support, • Intelligent Image Analysis : crossing the line (tripwire), crossing the line (tripwire), abandoned/missing object, classification of people and vehicles, counting people / vehicles, • advanced face and vehicle recognition and search functions • Filtering of false alarms based on the recognition of persons and vehicles (tripwire, intrusion) • 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, • Coax Audio/Alarm support, • Intelligent Image Analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection
Power supply	12 V DC / 1.5 A (power adapter included)	• 53 V DC / 1.13 A (power adapter included) • Support for PoC (Power over Coaxial)	12 V DC / 1.5 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 / 2 A (power adapter included)	12 V DC / 2 A (power adapter included)	12 V DC / 2 A (power adapter included)
Color	Black	Black	Black	Black	Black	Black	Black	White	Black	Black
Weight	1.11 kg	1.16 kg	1.13 kg	0.87 kg	0.88 kg	0.84 kg	0.86 kg	1.2 kg	1.22 kg	1.21 kg
Dimensions	325 x 255 x 55 mm	325 x 255 x 55 mm	325 x 257 x 55 mm	260 x 236 x 48 mm	260 x 236 x 48 mm	260 x 236 x 48 mm	260 x 236 x 48 mm	265 x 150 x 88 mm	325 x 255 x 55 mm	325 x 255 x 55 mm
Country of origin	China	China	China	China	China	China	China	China	…	China
Supported languages	Polish, English, Czech, Danish, Finnish, French, Greek, Spanish, Dutch, German, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Hungarian, Italian	Polish, English, Bulgarian, 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, French, Greek, Spanish, Dutch, German, Norwegian, 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, 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
Manufacturer / Brand	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA
SAP Code	…	…	…	…	…	…	…	…	…	…
Guarantee	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years

PTZ control	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 Control compatible with coax HD-TVI Hikvision	RS-485 - PELCO-D/P and others	–
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	Split the screen into zones : 22 x 18 motion zones
USB	…	…	…	…	…	2 x USB 2.0	2 pcs USB 2.0	2 x USB 2.0	2 pcs USB 2.0
Mouse support	✓	✓	✓	✓	✓	✓	✓	✓	✓
IR remote controller in the set	–	–	–	–	–	–	–	–	–
Main features	…	Intelligent Image Analysis : intrusion, crossing the line (tripwire)	Intelligent Image Analysis : intrusion, crossing the line (tripwire)	• Intelligent Image Analysis : intrusion, crossing the line (tripwire) • 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	Intelligent Image Analysis : intrusion, crossing the line (tripwire)	Intelligent Image Analysis : crossing the line (tripwire), intrusion, scene changing	• DVR from the AcuSense series • Intelligent Image Analysis : intrusion, crossing the line (tripwire), face detection, Deep Learning technology • Filtering of false alarms based on the recognition of persons and vehicles	Intelligent Image Analysis	Intelligent Image Analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection
Power supply	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 / 1.36 A (power adapter included) • Support for PoC (Power over Coaxial)	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)	12 V DC / 1.5 A (power adapter included)	12 V DC / 1.5 A (power adapter included)
Color	White	Black	Black	Black	Black	Black	Black	Black	Black
Weight	0.51 kg	1.19 kg	1.17 kg	1.25 kg	1.2 kg	0.9 kg	1.17 kg	0.86 kg	0.47 kg
Dimensions	208 x 199 x 47 mm	315 x 250 x 47 mm	315 x 250 x 47 mm	315 x 250 x 47 mm	315 x 250 x 47 mm	260 x 236 x 48 mm	315 x 248 x 45 mm	260 x 236 x 47 mm	205 x 211 x 47 mm
Country of origin	…	…	…	…	…	…	…	China	China
Supported languages	English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Polish, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Polish, 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	English, Polish	Polish, English
Manufacturer / Brand	Hikvision	Hikvision	Hikvision	Hikvision	Hikvision	Hikvision	Hikvision	BCS	BCS
SAP Code	300216532	300223175	300224863	300222536	300219673	300223397	300224119	…	…
Guarantee	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years