




	<a href="#">AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR IDS-7204HQHLM1/S(C)/4A+4/1ALM 4 CHANNELS ACUSENSE Hikvision</a>	<a href="#">IP VANDALPROOF CAMERA IPC-HDBW3849R1-ZAS-PV-27135 TiOC Full-Color - 8.3 Mpx 4K UHD 2.8 ... 13.5 mm - MOTOZOOM DAHUA</a>	<a href="#">ROUTER GPON CPE UF-WIFI UFiber Wi-Fi 2.4 GHz 300 Mbps UBIQUITI</a>
			
	223.15 EUR 223.15 EUR	668.51 EUR 668.51 EUR	97.05 EUR 97.05 EUR
Frequency range	...	...	2.4 GHz
Sensor	...	1/2.8 " Progressive Scan CMOS	...
Antenna type	...	...	Omnidirectional antenna - embedded
Matrix size	...	8.3 Mpx	...
Standard	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	TCP/IP	...
Standards	...	...	IEEE 802.11n, ITU-G.984
Baud rates	...	...	300 Mbps
LAN ports	...	...	4 x 10/100/1000 Mbps
Video inputs	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	...	...
WAN interface	...	...	1 x port GPON SC/APC, 2.488 Gb/s Downlink / 1.244 Gb/s Uplink
Video outputs	1 pcs HDMI 1 pcs VGA 1 pcs CVBS - BNC socket	...	...
Audio inputs	4 pcs CINCH, Coaxial audio - Audio from cameras	...	...
Audio outputs	1 pcs CINCH	...	...
Optical power	...	...	• Tx : 1.5 ... 5 dBm • Rx : -28 ... -8 dBm
LED indicators	...	...	Power, LAN, Signal indicator
Management interface	...	...	Ubiquiti Network Management System
Power supply PoE	...	...	Ubiquiti Passive PoE
Resolution	...	3840 x 2160 - 8.3 Mpx 4K UHD , 3072 x 2048 - 6 Mpx , 3072 x 1728 - 5 Mpx , 2592 x 1944 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2048 x 1536 - 3 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	...
Lens	...	2.8 ... 13.5 mm - Motozoom	...
View angle	...	• 108 ° ... 34 ° (manufacturer data) • 112 ° ... 35 ° (our tests result)	...
Range of IR illumination	...	50 m	...
White light LED illuminator range	...	40 m	...
Main features	...	...	<ul style="list-style-type: none"> <li>• GPON - Gigabit Passive Optical Network - links support : 20 km (max)</li> <li>• VLAN support</li> <li>• Layer 2/3 advanced management features</li> <li>• "Dying gasp" function - message sent by the customer premises equipment to equipment managed by the ISP to indicate that the CPE device has lost power</li> <li>• RESET button</li> <li>• Possibility to mount to the wall</li> </ul>
Min. illumination	...	0.004 Lux / F1.0 (color)	...
Certificates	...	...	CE, FCC, IC
S/N ratio	...	> 56 dB	...
RS-485 interface	...	—	...
Operation temp	...	...	-10 °C ... 45 °C
Memory card slot	...	Micro SD memory cards up to 256GB support (possible local recording)	...
Permissible relative humidity	...	...	10 % ... 90 %
Image compression method	H.265+ / H.265 / H.264+ / H.264	AI H.265 / H.265+ / H.265 / AI H.264 / H.264+ / H.264 / H.264H / H.264B / MJPEG	...

DELTA-OPTI Monika Matysiak / VAT:PL5251295225 / 60-713 Poznań, ul. Graniczna 10  
Tel:+48 61 864 69 60 / GSM:+48 607 60 11 66 / Fax:+48 61 864 69 65 / e-mail: info@delta.poznan.pl  
Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00

Image records resolutions	<ul style="list-style-type: none"> <li>• 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 ,</li> <li>• AHD / HD-CVI : 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 ,</li> <li>• CVBS : 960H - 960 x 576 ,</li> <li>• IP : max. 6 Mpx - 3072 x 2048</li> </ul>	...	...
Audio	...	<ul style="list-style-type: none"> <li>• Microphone built-in - 2 pcs,</li> <li>• External microphone input,</li> <li>• Speaker built-in</li> <li>• Audio output</li> <li>• Bi-directional audio streaming support</li> <li>• Audio detection</li> </ul>	...
Main stream frame rate	...	25 fps @ 8.3 Mpx	...
Recording speed adjustment	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	...	...
Operation modes	• 4 x HD-TVI / AHD / HD-CVI / PAL / IP + 2 x IP	...	...
Recording modes	Manual, Motion Detection, Schedule	...	...
Supported hard drives	1 x 10 TB SATA	...	...
External storage devices backup	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	...	...
Network interface	1 x RJ-45 - 10/100 Base-T	10/100 Base-T (RJ-45)	...
Bitrate	32 ... 6144 kbps	...	...
WEB Server	...	Built-in	...
Network functions	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	...	...
Max. number of on-line users	...	20	...
ONVIF	...	21.12	...
Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	IPv4/IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, SAMBA, PPPoE, SNMP	...
Mobile phones support	Port no.: 8000 or access by a cloud (P2P) • Android: Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a> • iOS (iPhone): Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a>	Port no.: 37777 or access by a cloud (P2P) • Android: Free application <a href="#">DMSS</a> • iOS (iPhone): Free application <a href="#">DMSS</a>	...
Default IP address	DHCP or 192.168.1.64	192.168.1.108	192.168.1.1
Default admin user / password	admin / -	admin / - The administrator password should be set at the first start	...
Web browser access ports	80	80, 37777	...
PC client access ports	554 RTSP, 8000	37777	...
Mobile client access ports	8000	37777	...
Port ONVIF	80	80	...
RTSP URL	<ul style="list-style-type: none"> <li>• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/</li> <li>• Main stream</li> <li>• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/</li> <li>• Sub stream</li> </ul>	<ul style="list-style-type: none"> <li>• rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&amp;subtype=0</li> <li>• Main stream</li> <li>• rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&amp;subtype=1</li> <li>• Sub stream</li> </ul>	...
Alarm inputs / outputs	4 / 1	1 / 1	...
PTZ control	RS-485 PELCO-D/P Control compatible with coax HD-TVI Hikvision	...	...
Motion Detection	2.0	...	...

DELTA-OPTI Monika Matysiak / VAT:PL5251295225 / 60-713 Poznań, ul. Graniczna 10  
 Tel:+48 61 864 69 60 / GSM:+48 607 60 11 66 / Fax:+48 61 864 69 65 / e-mail: info@delta.poznan.pl  
 Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00

Main features	<ul style="list-style-type: none"> <li>• DVR from the AcuSense series</li> <li>• Intelligent image analysis : intrusion, crossing the line (tripwire), Deep Learning technology</li> <li>• Smart motion detection (with recognizing people and vehicles)</li> <li>• Filtering of false alarms based on the recognition of persons and vehicles</li> </ul>	<ul style="list-style-type: none"> <li>• Active deterrence function, Alternately flashing LEDs: red and blue - frequency configuration, Siren sound - 3 volume levels</li> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• Quick Pick - AI technology enabling, together with the recorder, quick identification of interesting objects (people/vehicles) based on an artificial intelligence algorithm. It allows to extract and compare the colors of clothes and vehicles</li> <li>• SMD 4.0 - searching for an object classified as: human, motor vehicle - increased detection distance and resistance to false alarms</li> <li>• AI SSA AI Smart Scene Adaptive - scene auto-adaptation using deep learning algorithms to detect environmental conditions such as rain, fog, backlight, low light and flickering, in order to set the optimal image parameters</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Day/night mode</li> <li>• Full Color - colorful night mode</li> <li>• Auto White Balance</li> <li>• AGC - Automatic Gain Control</li> <li>• Motion Detection - max. 4 zones</li> <li>• Privacy zones - max. 8</li> <li>• Mirror - Mirror image</li> <li>• Light and sound alarm</li> <li>• White light (LED) illuminator built-in - 2 LEDs</li> <li>• IVS analysis : crossing the line (tripwire), intrusion - classification of people and vehicles, scene changing, video tampering, Audio detection</li> </ul>	
USB	2 pcs USB 2.0	...	...
Mouse support	✓	...	...
IR remote controller in the set	—	...	...
Power supply	12 V DC / 1.5 A (power adapter included)	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 660 mA</li> </ul>	<ul style="list-style-type: none"> <li>• 20 V ... 28 V DC - 24 V DC / 0.5 A (power adapter included)</li> <li>• Passive PoE 24 V - Port 1 ("+": 4, 5 pins; "-": 7, 8 pins)</li> </ul>
Power consumption	...	<ul style="list-style-type: none"> <li>• ≤ 10.1 W @ PoE</li> <li>• ≤ 7.9 W @ 12 V</li> </ul>	≤ 7 W
Housing	...	Dome - Metal	...
Color	Black	White	...
"Index of Protection"	...	IP67	...
Vandal-proof	...	IK10	...
Operation temp	...	-30 °C ... 60 °C	...
Weight	1.17 kg	0.73 kg	0.19 kg
Dimensions	315 x 248 x 45 mm	Ø 126 x 105 mm	126 x 126 x 32 mm
Supported languages	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English, Czech, French, Spanish, Dutch, German, Russian, Portuguese, Romanian, Ukrainian, Hungarian, Italian	...
Manufacturer / Brand	Hikvision	DAHUA	UBIQUITI
SAP Code	300226828	...	...
Guarantee	3 years	3 years	2 years



DELTA-OPTI Monika Matysiak / VAT:PL5251295225 / 60-713 Poznań, ul. Graniczna 10  
 Tel:+48 61 864 69 60 / GSM:+48 607 60 11 66 / Fax:+48 61 864 69 65 / e-mail: info@delta.poznan.pl  
 Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00