

	IP CAMERA IPC3624LE-ADF28K-WL ColorHunter - 4 Mpx 2.8 mm UNIVIEW	NVR NVR616DH-64-XI 64 CHANNELS WizMind DAHUA
		
	214.92 EUR 214.92 EUR	9340.76 EUR 9340.76 EUR
Standard	TCP/IP	IP
Supported resolutions	...	max. 32 Mpx
Sensor	1/1.8 " Progressive Scan CMOS	...
Matrix size	4 Mpx	...
Video outputs	...	<ul style="list-style-type: none"> • 2 pcs HDMI 4K • 1 pcs HDMI 8K • 1 pcs HDMI • 2 pcs VGA
Audio support	...	<ul style="list-style-type: none"> • 64 Channels - Audio from cameras, • Bi-directional audio streaming support • Audio detection
Audio inputs	...	1 pcs CINCH
Audio outputs	...	2 pcs CINCH
Resolution	2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p	...
Lens	2.8 mm @ F1.0	...
Bitrate	...	max. 1280 Mbps
View angle	<ul style="list-style-type: none"> • 110 ° (manufacturer data) • 110 ° (our tests result) 	...
White light LED illuminator range	30 m	...
S/N ratio	> 52 dB	...
RS-485 interface	—	...
Supported hard drives	...	16 x 20 TB SATA + 1 x eSATA , Raid 0/1/5/6/10
Memory card slot	Micro SD memory cards up to 128GB support (possible local recording)	...
Recording modes	...	Manual, Sensor, Motion detection, Schedule
External storage devices backup	...	Backup to USB drive (pendrive, external drive)
Image compression method	Ultra 265 / H.265 / H.264 / MJPEG	Smart H.265+ / H.265 / Smart H.264+ / H.264
Searching and playback the records	...	<ul style="list-style-type: none"> • Records searching: by time and events type. Records playback: forward, backward, fast, slow • Advanced searching (to the one second accuracy) • Smart Playback function • Records playback from max. 16 channels in the same time
Audio	<ul style="list-style-type: none"> • Microphone built-in • Audio transmission via network • Audio detection 	...
Main stream frame rate	25 fps @ 4 Mpx	...
Network functions	...	Full support via network, Remote records copying, Web-Server built-in
Network interface	10/100 Base-TX (RJ-45)	4 x RJ-45 10/100/1000/2500 Base-TX

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WEB Server	Built-in	...
Max. number of on-line users	32	...
ONVIF	✓	22.06
Mobile phones support	Access by a cloud (P2P) • Android: Free application EZView • iOS (iPhone): Free application EZView	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	DHCP or 192.168.1.13	192.168.1.108
Default admin user / password	admin / 123456	admin / - The administrator password should be set at the first start
Web browser access ports	80, 554	80, 37777
PC client access ports	Port no.: 80 or access by a cloud (P2P) - PC: Free application EZStation	37777
Mobile client access ports	80	37777
Port ONVIF	80	...
USB	...	• 2 pcs USB 2.0 • 2 pcs USB 3.0
RTSP URL	rtsp://192.168.1.13:554/unicast/c1/s0/live - Main stream rtsp://192.168.1.13:554/unicast/c1/s1/live - Sub stream	• rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream • rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream
Serial ports	...	• 2 pcs RS-485 • 1 pcs RS-232
Alarm inputs / outputs	—	32 / 16
PTZ control	...	• IP Speed Dome Cameras • RS-485 - PELCO-D/P and others
Intelligent image analysis	...	✓
Motion Detection	...	✓
Housing	Dome, Metal + Plastic	...
Color	White	...
"Index of Protection"	IP67	...
Vandal-proof	—	...

Main features	<ul style="list-style-type: none"> • ColorHunter - colorful night mode • WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • Day/Night mode (color/b&w/auto) • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • ROI - improve the quality of selected parts of image • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • NAS - Network Attached Storage support • Possibility to change the resolution, quality and bit rate • Sharpness - sharper image outlines • Corridor mode - useful for monitoring corridors, entrance gates and narrow rooms • Privacy zones - max. 4 • Motion detection with human/vehicle silhouette recognition • Intelligent image analysis : crossing the line (tripwire), intrusion (human silhouette) • Overvoltage protection : 4 kV 	<ul style="list-style-type: none"> • Panel with LCD display, • Intelligent image analysis : IVS analysis - 10 rules, scene changing, face detection, • SMD PLUS - searching for an object classified as: human, motor vehicle, non-motor vehicle • Filtering of false alarms based on the recognition of persons and vehicles • Face recognition - supports 6 types of facial attributes extraction • Face recognition and analysis in real time (up to 16 photos per second) • Support for up to 40 face databases, including 300 000 face images • metadata handling - automatic photo taking and collection of information enabling the subsequent identification of people and vehicles that triggered the alarm (clothing, silhouette, face, features of motor and non-mechanical vehicles) • AcuPick support - technology that uses artificial intelligence on both front-end and back-end to search through massive amounts of video data to quickly locate targets with high precision • EPTZ - advanced target detection and tracking algorithms that trigger alarms - can simultaneously zoom and track many people and/or vehicles <p>Functions implemented in cooperation between the recorder and cameras that support these functions :</p> <ul style="list-style-type: none"> • ANPR • Authorized and unauthorized license plate lists: up to 20 000 records • counting people / vehicles • crowd gathering estimation • heat map
Operation temp	-30 °C ... 60 °C	...
Mouse support	...	✓
IR remote controller in the set	...	—
Switch PoE	...	—
Power supply	<ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 500 mA 	100 ... 240 V AC @ 50 ± 2 Hz
Power consumption	≤ 5.9 W	max. 25 W (without HDD)
Operation temp	...	-10 °C ... 55 °C
Weight	0.46 kg	12.83 kg
Dimensions	Ø 118 x 106 mm	485 x 522 x 133 mm
Supported languages	Polish, English, Czech, Spanish, Dutch, French, German, Portuguese, Slovak, Hungarian, Italian	Polish, English
Manufacturer / Brand	UNIVIEW	DAHUA
Guarantee	3 years	3 years