



	<a href="#">NVR APTI-N3212AI-16P-I3 32 CHANNELS, 16 PoE</a>	<a href="#">NVR NVR5464-EI 64 CHANNELS +eSATA WizSense DAHUA</a>
		
	311.56 EUR 311.56 EUR	1363.07 EUR 1363.07 EUR
Standard	TCP/IP	TCP/IP
Supported resolutions	max. 12 Mpx - 4000 x 3000 px	max. 32 Mpx
Video outputs	1 pcs HDMI 4K 1 pcs VGA	2 pcs HDMI 4K 2 pcs VGA
Audio support	<ul style="list-style-type: none"> <li>• 32 Channels - Audio from cameras,</li> <li>• Bi-directional audio streaming support</li> <li>• Compliance with the AAC standard</li> </ul>	<ul style="list-style-type: none"> <li>• 64 Channels - Audio from cameras</li> <li>• Bi-directional audio streaming support</li> </ul>
Audio inputs	1 pcs CINCH	1 pcs CINCH
Audio outputs	1 pcs CINCH	2 pcs CINCH
Image compression method	H.265+ / H.265 / H.264+ / H.264	Smart H.265+ / H.265 / Smart H.264+ / H.264 / MJPEG
Bitrate	320 Mbps	max. 384 Mbps
Supported hard drives	2 x 10 TB SATA	4 x 16 TB SATA + 1 x eSATA
Recording modes	Manual, Sensor, Motion detection, Schedule	Manual, Sensor, Motion detection, Schedule
External storage devices backup	Records backup at (.avi) format to USB (pendrive)	Backup to USB drive (pendrive, external drive)
Searching and playback the records	Records searching: timeline or file list. Playback: forward, fast Playback max. 16 cameras in the same time @ 1080p	<ul style="list-style-type: none"> <li>• Records searching: by time and events type. Records playback: forward, backward, fast, slow</li> <li>• Advanced searching (to the one second accuracy)</li> <li>• Smart Playback function</li> <li>• Records playback from max. 32 channels in the same time @ 1080p (without AI)</li> <li>• Records playback from max. 24 channels in the same time @ 1080p (AI)</li> </ul>
Network interface	1 x RJ-45 10/100/1000 Base-TX	2 x RJ-45 10/100/1000 Base-TX
Network functions	Network Client Software and IE browser: live view, playback and backup of the records, configuration of the recorder parameters	Full support via network, Remote records copying, Web-Server built-in
Network protocols	IPv6, TCP/IP, HTTP, HTTPS, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, RTCP, P2P, PPPoE	HTTP, HTTPS, TCP/IP, IPv4/IPv6, RTSP, UDP, SNMP, NTP, DHCP, DNS, SMTP, UPnP, IP Filter, PPPoE, FTP, DDNS, Alarm Server, IP Search, Multicast, P2P, Auto Register
ONVIF	✓	21.12
Default IP address	192.168.1.88	192.168.1.108

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Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00

Default admin user / password	admin / 12345	admin / - The administrator password should be set at the first start
Mobile phones support	Access by a cloud (P2P) • Android: Free application <a href="#">BitVision</a> , Android: Free application <a href="#">iVMS320</a> • Android: Free application <a href="#">BitVision</a> , iOS: Free application <a href="#">iVMS320</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>  See how to configure the P2P function in Dahua recorders and how to enable the mobile application
Web browser access ports	80, 5000, 554	80, 37777
PC client access ports	80, 5000, 554	37777
Mobile client access ports	...	37777
Switch PoE	16-port PoE Switch built-in : 15 W / Channel - PoE (802.3af)	...
Maximum total switch load	200 W	...
RTSP URL	...	<ul style="list-style-type: none"> <li>• rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&amp;subtype=0 - Main stream</li> <li>• rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&amp;subtype=1 - Sub stream</li> </ul>
USB	<ul style="list-style-type: none"> <li>• 1 pcs USB 2.0</li> <li>• 1 pcs USB 3.0</li> </ul>	<ul style="list-style-type: none"> <li>1 pcs USB 2.0</li> <li>2 pcs USB 3.0</li> </ul>
Serial ports	—	RS-485, RS-232
Alarm inputs / outputs	4 / 1	16 / 6
PTZ control	IP Speed Dome Cameras	<ul style="list-style-type: none"> <li>• IP Speed Dome Cameras</li> <li>• RS-485 - PELCO-D/P and others</li> </ul>
Motion Detection	Split the screen into zones : 22 x 18 motion zones	✓
Intelligent image analysis	✓	✓



Main features	<ul style="list-style-type: none"> <li>• Support for intelligent image analysis, available in cameras from the APTI-AI series</li> <li>• D-ZOOM - Digital Zoom</li> </ul>	<ul style="list-style-type: none"> <li>• Intelligent image analysis : crossing the line (tripwire), intrusion, face detection</li> <li>• SMD PLUS - searching for an object classified as: human, motor vehicle</li> <li>• Filtering of false alarms based on the recognition of persons and vehicles</li> <li>• Face recognition</li> <li>• Face analysis: determination of sex, age and characteristic elements of appearance (glasses, facial hair, mask)</li> <li>• Support for up to 20 face databases, including 20 000 face images</li> <li>• In the base other than face photography, can also be stored such information as: name, sex, date of birth, nationality, address, ID number</li> <li>• Intelligent face search by metadata of different targets or uploading pictures of faces to the device and comparing them with recorded faces by similarity</li> <li>• Privacy zones</li> <li>• Cooperation with POS (Point of Sale) terminals</li> </ul> <p>Functions implemented in cooperation between the recorder and cameras that support these functions :</p> <ul style="list-style-type: none"> <li>• ANPR</li> <li>• Authorized and unauthorized license plate lists: up to 20 000 records</li> <li>• counting people / vehicles</li> <li>• crowd gathering estimation</li> <li>• heat map</li> <li>• 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)</li> </ul>
Mouse support	✓	✓
IR remote controller in the set	—	—
Power supply	100 ... 240 V AC, 50 / 60 Hz	100 ... 240 V AC @ 50 / 60 Hz
Power consumption	≤ 15 W (without HDD & PoE)	max. 13 W (without HDD)
Operation temp	-10 °C ... 50 °C	-10 °C ... 55 °C
Weight	2.55 kg	4.44 kg
Dimensions	380 x 323 x 51 mm	440 x 415 x 76 mm
Supported languages	Polish, English, French, Spanish, German, Portuguese, Russian, Ukrainian, Italian	Polish, English, Bulgarian, Czech, Finnish, Greek, Romanian, Serbian, Slovenian, Hungarian
Manufacturer / Brand	APTI	DAHUA
Guarantee	2 years	3 years