

	NVR APTI-N3228AI-I3 32 CHANNELS	IP CAMERA DS-2CD1643G0-IZ(2.8-12MM)(C) - 4 Mpx Hikvision
		
	361.16 EUR 361.16 EUR	294.64 EUR 294.64 EUR
Standard	TCP/IP	TCP/IP
Sensor	...	1/3 " Progressive Scan CMOS
Matrix size	...	4 Mpx
Supported resolutions	max. 12 Mpx - 4000 x 3000 px	...
Video outputs	<ul style="list-style-type: none"> • 1 pcs HDMI 4K • 1 pcs HDMI • 1 pcs VGA 	...
Audio support	<ul style="list-style-type: none"> • 32 Channels - Audio from cameras, • Bi-directional audio streaming support • Compliance with the AAC standard 	...
Audio inputs	1 pcs CINCH	...
Resolution	...	2560 x 1440 - 4 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p 1280 x 720 - 720p
Audio outputs	1 pcs CINCH	...
Lens	...	2.8 ... 12 mm
Image compression method	H.265+ / H.265 / H.264+ / H.264	...
Bitrate	320 Mbps	...
View angle	...	<ul style="list-style-type: none"> • 102 ° ... 31 ° (manufacturer data) • 94 ° ... 29 ° (our tests result)
Supported hard drives	8 x 10 TB SATA + 1 x eSATA	...
Recording modes	Manual, Sensor, Motion detection, Schedule	...
External storage devices backup	Records backup at (.avi) format to USB (pendrive)	...
Compression	...	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Range of IR illumination	...	50 m
Searching and playback the records	Records searching: timeline or file list. Playback: forward, fast Playback max. 16 cameras in the same time @ 1080p	...

Network functions	Network Client Software and IE browser: live view, playback and backup of the records, configuration of the recorder parameters	...
Main stream frame rate	...	20 fps @ 4 Mpx 25 fps @ 3 Mpx
Network interface	2 x RJ-45 10/100/1000 Base-TX	10/100 Base-T (RJ-45)
Network protocols	IPv6, TCP/IP, HTTP, HTTPS, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, RTCP, P2P, PPPoE	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, IEEE 802.1x, QoS, IPv4/IPv6, Bonjour, UDP, SSL / TLS
Audio	...	—
WEB Server	...	Built-in
Memory card slot	...	Micro SD memory cards up to 256GB support (possible local recording)
Mobile phones support	Access by a cloud (P2P) • Android: Free application BitVision , Android: Free application iVMS320 • Android: Free application BitVision , iOS: Free application iVMS320	Port no.: 8000 or access by a cloud (P2P) • Android: Free application Hik-Connect • iOS (iPhone): Free application Hik-Connect
USB	• 2 pcs USB 2.0 • 1 pcs USB 3.0	...
Default admin user / password	admin / 12345	admin / -
Serial ports	RS-485	...
Alarm inputs / outputs	16 / 4	—
Default IP address	192.168.1.88	192.168.1.64
Web browser access ports	80, 5000, 554	80
PC client access ports	80, 5000, 554	Port no.: 8000 or access by a cloud (P2P)
PTZ control	• IP Speed Dome Cameras • RS-485 control	...
Mobile client access ports	...	8000
ONVIF	✓	18.12
Motion Detection	Split the screen into zones : 22 x 18 motion zones	...
Port ONVIF	...	80
Intelligent image analysis	✓	...
Mouse support	✓	...
IR remote controller in the set	—	...
Switch PoE	—	...

RTSP URL	...	<ul style="list-style-type: none"> • Main stream rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization • Sub stream rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization
RS-485 interface	...	—
Max. number of on-line users	...	6
Operation temp	-10 °C ... 50 °C	...
Main features	<ul style="list-style-type: none"> • Support for intelligent image analysis, available in cameras from the APTI-AI series • D-ZOOM - Digital Zoom 	<ul style="list-style-type: none"> • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • Anti-Flicker - The technology eliminates the tiring eyes flickering image effect • AGC - Automatic Gain Control • Auto White Balance • BLC - configurable Back Light Compensation • ICR - Movable InfraRed filter • Day/Night mode (color/b&w/auto) • Motion Detection • Configurable Privacy Zones • Mirror - Mirror image • Sharpness - sharper image outlines
Power supply	100 ... 240 V AC, 50 / 60 Hz	<ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 900 mA
Power consumption	≤ 20 W (without HDD)	<ul style="list-style-type: none"> • ≤ 12.9 W @ PoE (802.3af) • ≤ 11 W @ 12 V DC
Operation temp	...	-30 °C ... 60 °C
Housing	...	Compact, Metal
Color	...	White
"Index of Protection"	...	IP67
Supported languages	Polish, English, Czech, French, Greek, Spanish, Dutch, German, Portuguese, Russian, Ukrainian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Vietnamese, Italian
Weight	7.41 kg	0.72 kg
Dimensions	440 x 430 x 100 mm	Ø 105 x 245
Manufacturer / Brand	APTI	Hikvision
SAP Code	...	311316237
Guarantee	2 years	3 years