

	NVR DS-7732NXI-K4 32 CHANNELS ACUSENSE Hikvision	IP HYBRID THERMAL IMAGING CAMERA DS-2TD1228-2/OA 2.1 mm - 720p, 2.2 mm - 4 Mpx Hikvision
		
	3310.00 PLN 3310.00 PLN	3448.00 PLN 3448.00 PLN
Supported resolutions	max. 12 Mpx - 4000 x 3000 px	...
Pixel pitch	...	12 µm
Video outputs	1 pcs HDMI 4K 1 pcs VGA There is a possibility to configure a SPOT function on one of the output	...
Thermal sensitivity (NETD)	...	≤ 40 mK @ F1.1
Spectral range	...	8 µm ... 14 µm
Audio support	• 32 Channels - Audio from cameras • Bi-directional audio streaming support	...
Color palettes	...	✓
Audio inputs	1 pcs CINCH	...
Audio outputs	1 pcs CINCH	...
Bitrate	max. 256 Mbps	...
Supported hard drives	4 x 10 TB SATA	...
Recording modes	Manual, Sensor, Motion detection, Schedule	...
External storage devices backup	Backup to USB drive (pendrive, external drive)	...
Temperature measurement	...	• Spot • Line • Area max. 21 positions
Temperature measurement range	...	-20 °C ... 150 °C
Accuracy of temperature measurement	...	± 8 °C
Searching and playback the records	Records searching: by time and events type. Records playback: forward, backward, fast, slow Advanced searching (to the one second accuracy) All channels synchronous playback, Smart Search function Records playback from max. 16 channels in the same time Smart Playback function	...
Sensor	...	Uncooled VOx microbolometer 1/2.7 " Progressive Scan CMOS
Matrix size	...	256 x 192 px 4 Mpx
Lens	...	2.1 mm 2.2 mm
View angle	...	90 ° 117.8 °
Network functions	• Live image view, Playback the records, Backup the records • max. 128 on-line users - iVMS-4200 application	...
Optical zoom	...	— —
Digital zoom	...	2x, 4x —
Range of IR illumination	...	15 m
White light LED illuminator range	...	30 m

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Resolution	...	1280 x 720 - 720p , 704 x 576 640 x 512 320 x 240 2688 x 1520 - 4 Mpx 1920 x 1080 - 1080p 1280 x 720 - 720p
Standard	TCP/IP	IP
Video output	...	—
RS-485 interface	...	✓
Memory card slot	...	Micro SD memory cards up to 256GB support (possible local recording)
Network protocols	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP, HTTP, HTTPS	...
Image compression method	H.265+ / H.265 / H.264+ / H.264	H.265 / H.264 / MJPEG
Audio	...	<ul style="list-style-type: none"> • External microphone input / Audio input, • Audio output, • Bi-directional audio streaming support, • Speaker built-in
Main stream frame rate	...	25 fps @ 4 Mpx
Network interface	2 x RJ-45 10/100/1000 Base-TX	10/100 Base-T (RJ-45)
WEB Server	...	Built-in
USB	<ul style="list-style-type: none"> • 2 pcs USB 2.0 • 1 pcs USB 3.0 	...
Max. number of on-line users	...	32
ONVIF	✓	✓
Serial ports	<ul style="list-style-type: none"> • 2 pcs RS-485 • 1 pcs RS-232 	...
Alarm inputs / outputs	16 / 4	1 / 1
PTZ control	<ul style="list-style-type: none"> • IP Speed Dome Cameras • RS-485 - PELCO-D/P and others 	...
Motion Detection	✓	...
Mobile phones support	Port no.: 8000 or access by a cloud (P2P) <ul style="list-style-type: none"> • Android: Free application Hik-Connect • iOS: Free application Hik-Connect 	Port no.: 8000 or access by a cloud (P2P) <ul style="list-style-type: none"> • Android: Free application iVMS-4500 or Hik-Connect • iOS (iPhone): Free application iVMS-4500 or Hik-Connect
Default IP address	192.168.1.64	192.168.1.64
Default admin user / password	admin / - The administrator password should be set at the first start	admin / - The administrator password should be set at the first start
Web browser access ports	80, 8000	80
PC client access ports	8000	Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application
Mobile client access ports	8000	8000
Port ONVIF	...	80
Mouse support	✓	...
IR remote controller in the set	✓	...
Switch PoE	—	...
RTSP URL	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Main stream VIDEO CAMERA : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ THERMAL IMAGING CAMERA : rtsp://user:password@192.168.1.64:554/Streaming/Channels/201/ • Sub stream VIDEO CAMERA : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ THERMAL IMAGING CAMERA : rtsp://user:password@192.168.1.64:554/Streaming/Channels/202/



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Operation temp	-10 °C ... 55 °C	...
Intelligent image analysis	✓	<ul style="list-style-type: none"> • IVS analysis : crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area • Smoke detection • fire detection • object detection (people, vehicle)
Main features	<ul style="list-style-type: none"> • Smart motion detection (with recognizing people and vehicles) • Filtering of false alarms based on the recognition of persons and vehicles • face detection • Comparison of faces with images from the database • Support for up to 16 face databases, including 20 000 face images • Smart search for a person based on a face photo • NVR from the AcuSense series 	<ul style="list-style-type: none"> • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • AGC - Automatic Gain Control • DDE (Digital Detail Enhancement) - the function automatically optimizes the contrast of the thermal image in high-dynamic scenes - small differences in the temperature distribution of the examined object are highlighted • Sun-reflection filter • Temperature measurement • Intelligent alarm linked to turning on white light and loudspeaker • NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network • The ANR (Automatic Network Replenishment) function - ensures integrity of recording data in the event of network failures. It bases on automatic saving the recording data to microSD card inserted inside the camera, and after failure is end, the recorded data are automatically synchronized with the recorder
Protections	...	<ul style="list-style-type: none"> • Protection against lightning discharges : 6 kV • Overvoltage limiter, Overvoltage protection
Power supply	100 ... 240 V AC, 50 / 60 Hz	<ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 500 mA
Power consumption	≤ 20 W (without HDD)	<ul style="list-style-type: none"> ≤ 6 W @ 12 V DC ≤ 6.5 W @ PoE (802.3af)
Housing	...	Dome - Metal
Color	...	White
"Index of Protection"	...	IP67
Mechanical protection class	...	—
Operation temp	...	-40 °C ... 65 °C
Weight	4.05 kg	0.94 kg
Dimensions	445 x 400 x 75 mm, RACK 19", 1.5U	Ø 138.3 x 123.1 mm
Supported languages	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Ukrainian, Hungarian, 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, Italian
Manufacturer / Brand	Hikvision	Hikvision
SAP Code	303616147	305401564
Guarantee	3 years	3 years



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