





	<a href="#">NVR NVR5464-EI 64 CHANNELS +eSATA WizSense DAHUA</a>	<a href="#">NVR TC-R3440 SPEC:I/B/N/V4.0 40 CHANNELS TIANDY</a>	<a href="#">POLE MOUNT CH-G</a>	<a href="#">TIME &amp; ATTENDANCE RECORDER ASA3213G-MW DAHUA</a>
				
	532500.00 HUF 532500.00 HUF	403846.15 HUF 403846.15 HUF	4914.42 HUF 4914.42 HUF	192307.69 HUF 192307.69 HUF
Material	...	...	Steel galvanized	...
Supported resolutions	max. 32 Mpx	max. 16 Mpx	...	...
Sensor	...	...	...	CMOS
Matrix size	...	...	...	2 Mpx
Pole diameters range	...	...	Ø 30 ... Ø 120 mm	...
Cable hiding	...	...	✓	...
Video outputs	2 pcs HDMI 4K 2 pcs VGA	1 pcs HDMI 4K 1 pcs VGA Video outputs are independent of each other	...	...
Resolution	...	...	...	1920 x 1080 - 1080p
Audio support	• 64 Channels - Audio from cameras • Bi-directional audio streaming support	40 Channels - Audio from cameras	...	...
Audio inputs	1 pcs CINCH	1 pcs	...	...
Audio outputs	2 pcs CINCH	1 pcs	...	...
Image compression method	Smart H.265+ / H.265 / Smart H.264+ / H.264 / MJPEG	S+265 / H.265 / S+264 / H.264	...	...
Standard	TCP/IP	IP	...	TCP/IP
IR illuminator	...	...	...	✓
Supported hard drives	4 x 16 TB SATA + 1 x eSATA	4 x 10 TB SATA	...	...
LED illuminator	...	...	...	✓
Recording modes	Manual, Sensor, Motion detection, Schedule	Manual, Motion Detection, Schedule	...	...
Temperature measurement	...	...	...	—
Temperature measurement range	...	...	...	—
External storage devices backup	Backup to USB drive (pendrive, external drive)	Backup to USB drive (pendrive, external drive)	...	...
Accuracy of temperature measurement	...	...	...	—
Face recognition distance	...	...	...	0.3 m ... 1.5 m (max 500 faces in the database)
RFID proximity reader built-in	...	...	...	• 13.56 MHz S50 • Memory of 500 RFID cards
Internal memory	...	...	...	Support storage of 150 000 records
Video output	...	...	...	—
RS-485 interface	...	...	...	✓
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) • Smart Playback function • Records playback from max. 32 channels in the same time @ 1080p (without AI) • Records playback from max. 24 channels in the same time @ 1080p (AI)	• Records searching: by time and events type. Records playback: forward, backward, fast, slow • Advanced searching (to the one second accuracy) • Playback max. 16 cameras in the same time	...	...
RS-232 interface	...	...	...	—
Wiegand interface	...	...	...	—
Memory card slot	...	...	...	—
Network functions	Full support via network, Remote records copying, Web-Server built-in	Full support via network, Remote records copying, Web-Server built-in	...	...
Audio	...	...	...	Voice message
Bitrate	max. 384 Mbps	max. 400 Mbps	...	...
Network interface	2 x RJ-45 10/100/1000 Base-TX	2 x RJ-45 - 10 / 100 / 1000 Mbps	...	1 x 10/100 Base-T (RJ-45)
WEB Server	...	...	...	Built-in
Access from PC	...	Port no.: 3000 or access by a cloud (P2P) - PC. Free application <a href="#">Easy7 Smart Client Express</a>	...	...
Network protocols	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	...	...	IPv4, RTSP, RTP, TCP, UDP, P2P
ONVIF	21.12	✓	...	—
Default IP address	192.168.1.108	192.168.1.3	...	192.168.1.108

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

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	...	admin / - The administrator password should be set at the first start
RS232	...	1 pcs	...	...
RS485	...	1 pcs	...	...
Mobile phones support	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	Port no.: 3000 or access by a cloud (P2P) • Android: Free application <a href="#">EasyLive Plus</a> • iOS (iPhone): Free application <a href="#">EasyLive Plus</a>	...	...
Web browser access ports	80, 37777	80, 443, 3000, 3001, 3002, 23002	...	80, 37777
PC client access ports	37777	3000, 3001	...	37777
Mobile client access ports	37777	3000, 3001	...	...
RTSP URL	• rtsp://admin:hasdo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream • rtsp://admin:hasdo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	rtsp://user:password@192.168.1.3:554/1/1 - Main stream rtsp://user:password@192.168.1.3:554/1/2 - Sub stream	...	...
USB	1 pcs USB 2.0 2 pcs USB 3.0	1 x USB 2.0 + 1 x USB 3.0	...	1 x USB 2.0
Housing	...	...	...	Plastic (ABS)
Serial ports	RS-485, RS-232	...	...	...
Alarm inputs / outputs	16 / 6	16 / 4	...	1 / 1 - Relay outputs
Color	...	...	Silver	Black + Silver
"Index of Protection"	...	...	...	—
PTZ control	• IP Speed Dome Cameras • RS-485 - PELCO-D/P and others	...	...	...
Operation temp	...	...	...	-10 °C ... 55 °C
Motion Detection	✓	✓	...	...
Intelligent image analysis	✓	—	...	...
Main features	<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>	<ul style="list-style-type: none"> <li>Possibility of operation the disks in RAID JBOD/0/1/5/6/10 array</li> </ul> <p>Support for Intelligent Image Analysis function, available in TIANDY cameras :</p> <ul style="list-style-type: none"> <li>crossing the line (tripwire)</li> <li>double crossing the line</li> <li>abandoned/missing object</li> <li>detection of loitering in a given area</li> <li>running</li> <li>parking detection</li> <li>heat map</li> <li>scene changing</li> <li>signal loss indication</li> <li>License plate recognition</li> <li>detection of persons on duty</li> <li>detection of people gathering</li> <li>Parking monitoring mode</li> <li>protective helmet detection</li> <li>people counting</li> <li>advanced face capture features - (max 100 000 faces in the database)</li> </ul>	...	<ul style="list-style-type: none"> <li>Built-in LCD display showing the image from the video camera - 4.3 " capacitive touch screen, 480 x 272 px</li> <li>Identification modes : PIN, Proximity identifier 13.56 MHz S50, Face recognition, Any combination of the above</li> <li>500 users</li> <li>Software update via network</li> <li>Real-time Surveillance</li> <li>Multiple Authentication</li> <li>Take face image after swiping card</li> <li>Auto-Registration</li> <li>Recording of information about Time&amp;Attendance</li> <li>Statistical Reporting</li> <li>Backup to USB drive (pendrive, external drive)</li> <li>Output button support</li> <li>Door status detection</li> <li>Lock control</li> <li>Tamper protections</li> </ul>
Mouse support	✓	✓	...	...
IR remote controller in the set	—	—	...	...
Power supply	100 ... 240 V AC @ 50 / 60 Hz	12 V DC / 5 A (power adapter included)	...	12 V DC / 1.5 A (power adapter included)
Power consumption	max. 13 W (without HDD)	...	...	≤ 18 W
Operation temp	-10 °C ... 55 °C	...	...	...
Weight	4.44 kg	3.32 kg	1.43 kg	<ul style="list-style-type: none"> <li>0.22 kg (without stand)</li> <li>0.24 kg (with stand)</li> </ul>
Dimensions	440 x 415 x 76 mm	440 x 355 x 76 mm	...	<ul style="list-style-type: none"> <li>116 x 107 x 22 mm (without stand)</li> <li>116 x 107 x 78 mm (with stand)</li> </ul>

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Supported languages	Polish, English, Bulgarian, Czech, Finnish, Greek, Romanian, Serbian, Slovenian, Hungarian	Polish, English, Albanian, Arabic, Spanish, Korean, Italian, Turkish, Russian, Thai, French, Dutch, Hebrew, Vietnamese, German, Ukrainian, Portuguese	...	English
Manufacturer / Brand	DAHUA	TIANDY	...	DAHUA
Guarantee	3 years	3 years	3 years	3 years



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