


	IP SPEED DOME CAMERA OUTDOOR SITAE125-4F-GR-A-PUL0400 TICG WisSense Smart Dual Light - 3.7 Mpx 5... 125 mm DAHUA	IP SPEED DOME CAMERA OUTDOOR DS-2DE4A225HWG-E 1080p 4.8 ... 120 mm Hikvision	IP SPEED DOME CAMERA OUTDOOR DS-2SE4A225MWG- (14FD0) TandemVu ColorVu - 3.7 Mpx 4.8 ... 120 mm Hikvision	IP SPEED DOME CAMERA OUTDOOR IPC-6424SR-325VF - 4 Mpx 4.8 ... 120 mm UNIVIEW	SIDE MAGNETIC CONTACT KN-M02
					
	1093.84 EUR 1093.84 EUR	890.33 EUR 890.33 EUR	1095.04 EUR 1062.33 EUR	1062.33 EUR 1062.33 EUR	4.31 EUR 4.31 EUR
Detection	...	...	...	...	Opening the door or window
Standard	IP	TCP/IP	TCP/IP	TCP/IP	...
Maximum reed switched voltage	...	...	...	...	20 V
Maximal switched current	...	...	...	...	10 mA
Make distance	...	...	...	...	19 mm
Break distance	...	...	...	...	20 mm
Main features	...	...	...	...	<ul style="list-style-type: none"> <li>• Rugged, metal sealed body</li> <li>• NC output - a magnet close to a reed switch - does not trigger an alarm, the contacts are closed</li> </ul>
Sensor	<ul style="list-style-type: none"> <li>• Camera PTZ - 1/2.8" STARVIS™ CMOS</li> <li>• Camera 2 : 1/2.8 Progressive Scan CMOS</li> </ul>	1/2.8" Progressive Scan CMOS	<ul style="list-style-type: none"> <li>• Camera PTZ - 1/3" Progressive Scan CMOS</li> <li>• Camera 2 : 1/2.8" Progressive Scan CMOS</li> </ul>	1/2.8" Progressive Scan CMOS	...
Matrix size	<ul style="list-style-type: none"> <li>• Camera PTZ - 4 Mpx</li> <li>• Camera 2 : 4 Mpx</li> </ul>	2.1 Mpx	<ul style="list-style-type: none"> <li>• Camera PTZ - 2.1 Mpx</li> <li>• Camera 2 : 3.7 Mpx</li> </ul>	4 Mpx	...
Video output	...	...	...	1 Vpp / 75 Ω - BNC plug	...
Resolution	<ul style="list-style-type: none"> <li>• Camera PTZ, Camera 2 : <ul style="list-style-type: none"> <li>• 2560 x 1440 - 3.7 Mpx,</li> <li>• 2048 x 1536 - 3 Mpx,</li> <li>• 2304 x 1296 - 3 Mpx,</li> <li>• 1920 x 1080 - 1080p,</li> <li>• 1280 x 960 - 1.3 Mpx,</li> <li>• 1280 x 720 - 720p</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• 1920 x 1080 - 1080p</li> <li>• 1280 x 960 - 1.3 Mpx</li> <li>• 1280 x 720 - 720p</li> </ul>	<ul style="list-style-type: none"> <li>• 2560 x 1440 - 3.7 Mpx,</li> <li>• 1920 x 1080 - 1080p</li> <li>• 1280 x 960 - 1.3 Mpx</li> <li>• 1280 x 720 - 720p</li> </ul>	<ul style="list-style-type: none"> <li>• 2688 x 1520 - 4 Mpx,</li> <li>• 2560 x 1440 - 3.7 Mpx,</li> <li>• 1920 x 1080 - 1080p</li> <li>• 1280 x 720 - 720p</li> </ul>	...
Lens	<ul style="list-style-type: none"> <li>• Camera PTZ - 5 ... 125 mm</li> <li>• Camera 2 : 2.8 mm</li> </ul>	4.8 ... 120 mm	<ul style="list-style-type: none"> <li>• Camera PTZ : 4.8 ... 120 mm</li> <li>• Camera 2 : 2.8 mm</li> </ul>	4.8 ... 120 mm	...
View angle	<ul style="list-style-type: none"> <li>• Camera PTZ : 52° ... 3°</li> <li>• Camera 2 : 101°</li> </ul>	55° ... 2.7°	<ul style="list-style-type: none"> <li>• Camera PTZ : <ul style="list-style-type: none"> <li>• 55° ... 2.4° (manufacturer data)</li> <li>• 53° ... 3° (our tests result),</li> </ul> </li> <li>• Camera 2 : <ul style="list-style-type: none"> <li>• 96° (manufacturer data)</li> <li>• 90° (our tests result)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• 52° ... 2.7° (manufacturer data)</li> <li>• 52° ... 3.1° (our tests result)</li> </ul>	...
Optical zoom	x 25	x 25	x 25	x 25	...
Digital zoom	x 16	x 16	x 16	x 16	...
Range of IR illumination	<ul style="list-style-type: none"> <li>• 100 m @ Camera PTZ</li> <li>• 30 m @ Camera 2</li> </ul>	50 m	100 m @ Camera PTZ	100 m	...
White light LED illuminator range	<ul style="list-style-type: none"> <li>• 50 @ Camera PTZ</li> <li>• 30 @ Camera 2</li> </ul>	...	30 m @ Camera 2	...	...
Presets rotation speed	<ul style="list-style-type: none"> <li>• 240 °/s (horizontal)</li> <li>• 200 °/s (vertical)</li> </ul>	<ul style="list-style-type: none"> <li>• 350 °/s (horizontal)</li> <li>• 200 °/s (vertical)</li> </ul>	<ul style="list-style-type: none"> <li>• 80 °/s (horizontal)</li> <li>• 80 °/s (vertical)</li> </ul>	<ul style="list-style-type: none"> <li>• 240 °/s (horizontal)</li> <li>• 200 °/s (vertical)</li> </ul>	...
Rotation speed (manual control)	<ul style="list-style-type: none"> <li>• 0.1 °/s ... 200 °/s (horizontal)</li> <li>• 0.1 °/s ... 120 °/s (vertical)</li> </ul>	<ul style="list-style-type: none"> <li>• 0.1 °/s ... 300 °/s (horizontal)</li> <li>• 0.1 °/s ... 160 °/s (vertical)</li> </ul>	<ul style="list-style-type: none"> <li>• 0.1 °/s ... 80 °/s (horizontal)</li> <li>• 0.1 °/s ... 80 °/s (vertical)</li> </ul>	<ul style="list-style-type: none"> <li>• 0.1 °/s ... 200 °/s (horizontal)</li> <li>• 0.1 °/s ... 120 °/s (vertical)</li> </ul>	...
Horizontal rotation range	360° - continuous	360° - continuous	360° - continuous	360° - continuous	...
Vertical rotation range	-15° ... 90°	-5° ... 90°	-15° ... 90°	-15° ... 90°	...
RS-485 interface	...	...	...	...	...
Number of presets	300	300	...	1024	...
Horizontal scan	✓	✓	✓	...	...
Route settings	8	8	...	16	...
Image compression method	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	Ultra H.265 / H.265 / H.264 / MJPEG	...
Alarm inputs / outputs	2 / 1	2 / 2	...	2 / 1	...
Network protocols	...	...	...	<ul style="list-style-type: none"> <li>• IP4, ICMP, ICMP, ARP, TCP/IP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, IEEE 802.1x, SNMP, QoS, RTMP, SSL / TLS</li> </ul>	...
Audio	<ul style="list-style-type: none"> <li>• External microphone input</li> <li>• Audio output</li> <li>• Audio detection</li> <li>• Speaker built-in - Alarm siren</li> <li>• Bi-directional audio streaming support</li> <li>• Digital Noise Reduction</li> </ul>	<ul style="list-style-type: none"> <li>• External microphone input</li> <li>• Audio output</li> <li>• Bi-directional audio streaming support</li> <li>• Audio detection</li> </ul>	<ul style="list-style-type: none"> <li>• External microphone input</li> <li>• Audio output</li> <li>• Audio detection</li> <li>• Digital Noise Reduction</li> <li>• Compliance with the AAC standard</li> </ul>	<ul style="list-style-type: none"> <li>• Audio input</li> <li>• Audio output</li> <li>• Bi-directional audio streaming support</li> <li>• Audio detection</li> <li>• Noise reduction</li> </ul>	...
Main stream frame rate	<ul style="list-style-type: none"> <li>• Camera PTZ : 25 fps @ 4 Mpx</li> <li>• Camera 2 : 25 fps @ 4 Mpx</li> </ul>	50 fps @ 1080p	<ul style="list-style-type: none"> <li>• Camera PTZ : 25 fps @ 3.7 Mpx</li> <li>• Camera 2 : 25 fps @ 3.7 Mpx</li> </ul>	1 ... 30 fps @ 4 Mpx	...
Mobile phones support	...	<ul style="list-style-type: none"> <li>• Port no.: 8000 or access by a cloud (P2P)</li> <li>• Android: Free application <a href="#">HiK-Connect</a></li> <li>• iOS (iPhone): Free application <a href="#">HiK-Connect</a></li> </ul>	<ul style="list-style-type: none"> <li>• Port no.: 8000 or access by a cloud (P2P)</li> <li>• Android: Free application <a href="#">HiK-Connect</a></li> <li>• iOS (iPhone): Free application <a href="#">HiK-Connect</a></li> </ul>	<ul style="list-style-type: none"> <li>• Access by a cloud (P2P)</li> <li>• Android: Free application <a href="#">EZView</a></li> <li>• iOS (iPhone): Free application <a href="#">EZView</a></li> </ul>	...
Network interface	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	10/100 Base-TX (RJ-45)	...
Memory card slot	Micro SD card support up to 512GB	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD memory cards up to 256GB support (possible local recording)	...
WEB Server	Built-in	Built-in, NVR compliance	Built-in	Built-in	...
Max. number of on-line users	20	20	20	32	...
ONVIF	✓	✓	✓	✓	...
Default IP address	192.168.1.108	192.168.1.64	192.168.1.64	DHCP or 192.168.1.13	...
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	admin / 123456	...
Web browser access ports	80, 37777	80	80	80, 554	...
PC client access ports	37777	Port no.: 8000 or access by a cloud (P2P) - IVMS-4200 application	Port no.: 8000 or access by a cloud (P2P) - IVMS-4200 application	Port no.: 80 or access by a cloud (P2P) - PC: Free application <a href="#">EZStation</a>	...
Mobile client access ports	37777	8000	80	80	...
Port ONVIF	80	80	80	80	...
RTSP URL	rtsp://admin:haso@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:haso@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	<ul style="list-style-type: none"> <li>• Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101</li> <li>• Sub stream : rtsp://192.168.1.64:554/Streaming/Channels/102/RTSP - with authorization</li> </ul>	<ul style="list-style-type: none"> <li>• Camera PTZ - Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101</li> <li>• Camera 2 - Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/201</li> </ul>	rtsp://192.168.1.13:554/unicast/c1/s0/live - Main stream rtsp://192.168.1.13:554/unicast/c1/s1/live - Sub stream	...
Intelligent image analysis	<ul style="list-style-type: none"> <li>• Intelligent Object Tracking</li> <li>• crossing the line (tripwire)</li> <li>• detection of entry into the area / exit from the area</li> <li>• intrusion</li> <li>• fast moving</li> <li>• classification of people and vehicles</li> <li>• crowd gathering estimation</li> </ul>	...	...	...	...
Vandal-proof	...	...	...	IK10	...

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Main features	<ul style="list-style-type: none"> <li>Smart Dual Illumination technology - IR or LED illuminator works in night mode. White light will turn on automatically only when an object is detected in the monitored area, which effectively improves image quality</li> <li>Active deterrence function - Light and sound alarm - Active intrusion deterrence works by blinking blue and red light and siren sound or voice prompts</li> <li>WDR - 120 dB - Wide Dynamic Range</li> <li>2D-DNR, 3D-DNR - Digital Noise Reduction</li> <li>F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>EIS - Electronic Image Stabilization</li> <li>ROI - improve the quality of selected parts of image</li> <li>Quick Pick - AI technology enabling, together with the recorder, quick identification of interesting objects (people/vehicles) based on an artificial intelligence algorithm. It allows to extract and compare the colors of clothes and vehicles</li> <li>SMD 4.0 - searching for an object classified as: human, motor vehicle - increased detection distance and resistance to false alarms</li> <li>Image rotation and mirror</li> <li>BLC/HLC - Back Light / High Light Compensation</li> <li>ICR - Movable InfraRed filter</li> <li>Day/night mode</li> <li>Auto White Balance</li> <li>Sharpness - sharper image outlines</li> <li>Configurable: brightness, contrast, saturation</li> <li>NAS - Network Attached Storage support</li> <li>Configurable Privacy Zones</li> <li>Motion Detection</li> <li>Filtering of false alarms based on the recognition of persons and vehicles</li> </ul>	<ul style="list-style-type: none"> <li>Intelligent Object Tracking</li> <li>WDR - 120 dB - Wide Dynamic Range</li> <li>3D-DNR - Digital Noise Reduction</li> <li>ROI - improve the quality of selected parts of image</li> <li>F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>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</li> <li>NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network</li> <li>HLC - High Light Compensation (spot)</li> <li>ICR - Movable InfraRed filter</li> <li>Configurable Privacy Zones - 24</li> <li>Motion Detection</li> <li>Sharpness - sharper image outlines</li> <li>Day/Night mode (color/b&amp;w/auto)</li> <li>Parking action - this function enables to locate the camera to specific position automatically if operator doesn't operate the controller for some time</li> <li>Intelligent image analysis - crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area - classification of people and vehicles, abandoned/missing object, face detection, advanced face capture features</li> </ul>	<ul style="list-style-type: none"> <li>WDR - 120 dB - Wide Dynamic Range</li> <li>3D-DNR - Digital Noise Reduction</li> <li>EIS - Electronic Image Stabilization</li> <li>F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>ROI - improve the quality of selected parts of image</li> <li>BLC/HLC - Back Light / High Light Compensation</li> <li>ICR - Movable InfraRed filter</li> <li>Day/night mode</li> <li>Auto White Balance</li> <li>Sharpness - sharper image outlines</li> <li>Configurable: brightness, contrast, saturation</li> <li>Parking action - this function enables to locate the camera to specific position automatically if operator doesn't operate the controller for some time</li> <li>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</li> <li>NAS - Network Attached Storage support</li> <li>Intelligent 3D Positioning System</li> <li>Filtering of false alarms based on the recognition of persons and vehicles</li> <li>Intelligent image analysis - crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area, face detection</li> <li>The camera is equipped with a built-in heater with a thermostat</li> </ul>	<ul style="list-style-type: none"> <li>WDR - 120 dB - Wide Dynamic Range</li> <li>2D-DNR, 3D-DNR - Digital Noise Reduction</li> <li>ROI - improve the quality of selected parts of image</li> <li>F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>BLC/HLC - Back Light / High Light Compensation</li> <li>Day/night mode</li> <li>ICR - Movable InfraRed filter</li> <li>Auto White Balance</li> <li>Configurable Privacy Zones - 24</li> <li>Motion Detection</li> <li>Tamper signaling</li> <li>Image rotation and mirror</li> <li>Adaptive adjusting of the IR illuminator power to the lens zoom and outdoor light conditions</li> <li>Intelligent image analysis : crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area, Filtering of false alarms based on the recognition of persons and vehicles, face detection - supports 4 types of facial attributes extraction, counting people entering and leaving the area, crowd gathering estimation, Intelligent Object Tracking</li> </ul>
Power supply	<ul style="list-style-type: none"> <li>PoE (802.3at),</li> <li>12 V DC / 3 A (power adapter included)</li> </ul>	<ul style="list-style-type: none"> <li>PoE (802.3at),</li> <li>12 V DC / 2 A (power adapter included)</li> </ul>	<ul style="list-style-type: none"> <li>PoE (802.3at),</li> <li>12 V DC / 3.33 A (power adapter included)</li> </ul>	<ul style="list-style-type: none"> <li>PoE (802.3at),</li> <li>12 V DC / 3 A (power adapter included)</li> </ul>
Power consumption	<ul style="list-style-type: none"> <li>≤ 12 W (typical),</li> <li>25 W (max)</li> </ul>	<ul style="list-style-type: none"> <li>≤ 24 W</li> </ul>	<ul style="list-style-type: none"> <li>≤ 24 W</li> </ul>	<ul style="list-style-type: none"> <li>≤ 21 W</li> </ul>
Housing	Speed Dome, Plastic	Speed Dome, Metal	Speed Dome, Metal	Speed Dome, Metal + Plastic
Color	White	White	White + Black	Silver
Operation temp	-40 °C ... 65 °C	-30 °C ... 65 °C	-30 °C ... 65 °C	-40 °C ... 70 °C
"Index of Protection"	IP66	IP66	IP66	IP67
Weight	3.4 kg	2.6 kg	2.4 kg (without bracket)	3.35 kg
Dimensions	152 x 185 x 305 mm (without bracket)	Ø 169 x 161 mm	Ø 166 x 275 mm (without bracket)	Ø 166 x 295 mm (without bracket)
Supported languages	Polish, English	Polish, English	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Ukrainian, Hungarian, Vietnamese, Italian	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Slovenian, Hungarian, Italian
Manufacturer / Brand	DAHUA	Hikvision		UNIVIEW
SAP Code		327000854	327000910	
Guarantee	3 years	3 years	3 years	2 years

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