





	IP VANDALPROOF CAMERA IPC-HFW5842T-ASE-0360B-S3 WizMind S - 8.3 Mpx 4K UHD 3.6 mm DAHUA	TWILIGHT SENSOR TS-02B7	IP CAMERA BCS-DMIP2801IR-V-V - 8.3 Mpx 2.7 ... 13.5 mm - MOTOZOOM	IP HYBRID THERMAL IMAGING CAMERA TC-C35LQ SPEC-I5W/E/Y/T/6MM/V4.2 6.8 mm - 720p - 5 Mpx 6 mm TIANDY
				
	2721.00 PLN 2721.00 PLN	31.76 PLN 31.76 PLN	840.50 PLN 840.50 PLN	6631.00 PLN 6631.00 PLN
Matrix size	...	...	8.3 Mpx	...
Pixel pitch	...	...	...	12 µm
Maximal load	...	6 A / 1400 W (resistance load), 350 W (inductive load)	...	...
Thermal sensitivity (NETD)	...	...	...	< 55 mK @ F1.1
Lighting switching threshold	...	< 5 Lux ... 50 Lux	...	...
Spectral range	...	...	...	8 µm ... 14 µm
Main features	...	• Length of the cable, 17 cm • For indoor use	...	...
Sensor	1/1.8 " Progressive Scan CMOS	...	1/2.7 " Progressive Scan CMOS	Uncooled VOx microbolometer 1/2.7 " Progressive Scan CMOS
Resolution	3840 x 2160 - 8.3 Mpx 4K UHD , 3072 x 2048 - 6 Mpx , 3072 x 1728 - 5 Mpx , 2592 x 1944 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2048 x 1536 - 3 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p	...	3840 x 2160 - 8.3 Mpx, 4K UHD 3072 x 2048 - 6 Mpx , 3072 x 1728 - 5 Mpx , 2592 x 1944 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2048 x 1536 - 3 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p	1280 x 720 px - 720p , 704 x 576 px , 640 x 480 px , 352 x 288 px 2880 x 1620 - 5 Mpx 2688 x 1520 - 4 Mpx 2560 x 1440 - 3.7 Mpx 2304 x 1296 - 3 Mpx
Lens	3.6 mm	...	2.7 ... 13.5 mm - Motozoom	6.8 mm 6 mm
Standard	IP	...	TCP/IP	IP
Video output	...	...	...	—
View angle	87 °	...	• 113 ° ... 31 ° (manufacturer data) • 108 ° ... 32 ° (our tests result)	26 ° 53 °
S/N ratio	...	...	> 45 dB	...
Range of IR illumination	80 m	...	40 m	50 m
RS-485 interface	...	...	—	✓
Memory card slot	Micro SD memory cards up to 512GB support (possible local recording)	...	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD card support up to 512GB
Image compression method	Smart H.265+ / AI H.265 / H.265 / Smart H.264+ / AI H.264 / H.264 / H.264H / H.264B / MJPEG	...	H.265 / H.264 / MJPEG	S+265 / H.265 / H.264
Alarm inputs / outputs	1 / 1	...	—	2 / 1
Network interface	...	...	10/100 Base-T (RJ-45)	...
Audio	• Microphone built-in, • Audio input • Audio output • Bi-directional audio streaming support, • Audio detection	...	—	• Microphone built-in, • Speaker built-in • Audio input • Bi-directional audio streaming support • Audio output
Interface	10/100 Base-T (RJ-45)	...	...	10/100 Base-T (RJ-45)
Access from PC	...	...	...	Port no.: 3000 or access by a cloud (P2P) - PC: Free application <a href="#">Easy7 Smart Client Express</a>
Intelligent image analysis	• crossing the line (tripwire) - classification of people and vehicles • intrusion - classification of people and vehicles • fast moving • scene changing • abandoned/missing object • parking detection • loitering detection • detection of people gathering • face detection - supports 6 types of facial attributes extraction • people counting - detection and maintenance of 4 independent areas	...	...	• crossing the line (tripwire) • double crossing the line • classification of people and vehicles • intrusion
Network protocols	...	...	IPv4/IPv6, HTTP, HTTPS, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, PPPoE, IEEE 802.1x, Bonjour	...
WEB Server	Built-in	...	Built-in, Web Viewer	Built-in
Max. number of on-line users	20	...	20	3
ONVIF	✓	...	19.06	✓
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>	...	Port no.: 37777 or access by a cloud (P2P) • Android: Free application <a href="#">DMSS</a> • iOS (iPhone): Free application <a href="#">DMSS</a>	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>

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Default IP address	192.168.1.108	...	192.168.1.108	DHCP or 192.168.1.2
Main stream frame rate	25 fps @ 8.3 Mpx	...	<ul style="list-style-type: none"> <li>• 20 fps @ 4.0 Mpx</li> <li>• 25 fps @ 3.7 Mpx</li> </ul>	<ul style="list-style-type: none"> <li>• 25 fps @ 1280 x 960</li> <li>• 25 fps @ 5 Mpx</li> </ul>
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
Web browser access ports	80, 37777	...	80, 37777	80, 443, 3000, 3001, 3002, 23002
PC client access ports	37777	...	37777	3000, 3001
Mobile client access ports	37777	...	37777	3000, 3001
Port ONVIF	80	...	80	80
RTSP URL	rtsp://admin:hasio@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:hasio@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	...	rtsp://admin:hasio@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:hasio@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	...
Main features	<ul style="list-style-type: none"> <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>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Motion Detection</li> <li>• Privacy zones - max. 8</li> <li>• Day/night mode</li> <li>• ICR - Movable InfraRed filter</li> <li>• Auto White Balance</li> <li>• AGC - Automatic Gain Control</li> <li>• Mirror - Mirror image</li> <li>• LDC - lens distortion correction</li> <li>• SMD 3.0 - searching for an object classified as: human, motor vehicle</li> <li>• AcuPick support - technology that uses artificial intelligence on both front-end and back-end to search through massive amounts of video data to quickly locate targets with high precision</li> <li>• AI SSA AI Smart Scene Adaptive - scene auto-adaptation using deep learning algorithms to detect environmental conditions such as rain, fog, backlight, low light and flickering, in order to set the optimal image parameters</li> <li>• Heat map - the selection in the image by corresponding colors the areas with different traffic</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> <li>• EPTZ - advanced target detection and tracking algorithms that trigger alarms - can simultaneously zoom and track many people and/or vehicles</li> </ul>	...	<ul style="list-style-type: none"> <li>• Motozoom lens - Controlling from browser, NVR or software</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• ICR - Movable InfraRed filter</li> <li>• BLC - configurable Back Light Compensation</li> <li>• HLC - High Light Compensation (spot)</li> <li>• D-ZOOM - Digital Zoom</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• Configurable Privacy Zones</li> </ul>	<ul style="list-style-type: none"> <li>• WDR - Wide Dynamic Range</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• ICR - Movable InfraRed filter</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• Auto White Balance</li> <li>• AGC - Automatic Gain Control</li> <li>• Sharpness - sharper image outlines</li> <li>• Motion Detection</li> <li>• Detection of people smoking cigarettes</li> <li>• High temperature indication</li> </ul>
Power supply	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• ePoE,</li> <li>• 12 V DC / 700 mA</li> </ul>	220 ... 240 V AC	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 640 mA</li> </ul>	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC</li> </ul>
Vandal-proof	...	...	—	...
Power consumption	<ul style="list-style-type: none"> <li>• ≤ 9.8 W @ PoE</li> <li>• ≤ 8.3 W @ 12 V DC</li> </ul>	...	≤ 7.6 W	≤ 9 W
Housing	Compact - Metal	Plastic	Dome - Metal	Compact - Metal
Color	White	...	White	White
"Index of Protection"	IP67	IP54	IP67	IP67
Mechanical protection class	IK10	...	...	...
Operation temp	-40 °C ... 60 °C	...	-30 °C ... 60 °C	-35 °C ... 65 °C
Weight	0.82 kg	0.048 kg	0.69 kg	1.47 kg
Dimensions	244 x 79 x 76 mm	75 x 38 x 24 mm	Ø 122 x 105 mm	327 x 115 x 109 mm
Supported languages	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Hungarian, Ukrainian, Vietnamese, Italian	...	Polish, English	Polish, Albanian, English, Arabic, Spanish, French, Hebrew, Dutch, Korean, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian
Manufacturer / Brand	DAHUA	...	BCS	TIANDY
Guarantee	3 years	2 years	3 years	3 years



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