





	<a href="#">EXTENSION CABLE PS-2X1.5-20M/ORANGE 20 m</a>	<a href="#">IP CAMERA IPC-HFW2241S-S-0360B WizSense - 1080p 3.6 mm DAHUA</a>	<a href="#">IP CAMERA TC-C32WN SPEC:157/WIFI/4MM/V4.1 Wi-Fi - 1080p 4 mm TIANDY</a>	<a href="#">IP SPEED DOME CAMERA INDOOR IPC6412LR-X5UPW-VG Wi-Fi - 1080p 2.7 ... 13.5 mm UNIVIEW</a>
				
	3916.19 HUF 3916.19 HUF	75142.86 HUF 75142.86 HUF	48380.95 HUF 48380.95 HUF	172682.86 HUF 172682.86 HUF
Length of the cable	20 m	...	...	...
Standard	...	TCP/IP	IP	TCP/IP
Wire gauge	2 x 1.5 mm <sup>2</sup>	...	...	...
Matrix size	...	2.1 Mpx	...	2.1 Mpx
Rated voltage	230 V AC / 50 Hz	...	...	...
Total maximal current	10 A	...	...	...
Maximal total load	2500 W	...	...	...
Number of outlets	1 x CEE 7/17	...	...	...
Fuse	—	...	...	...
Sensor	...	1/2.8 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS
IR illuminator	...	...	...	30 m
Switch	—	...	...	...
Resolution	...	1920 x 1080 - 1080p 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p	1920 x 1080 - 1080p , 1280 x 720 - 720p	1920 x 1080 - 1080p 1280 x 720 - 720p
Lens	...	3.6 mm	4 mm	2.7 ... 13.5 mm
View angle	...	88 °	83 °	• 107 ° ... 31 ° (manufacturer data) • 100 ° ... 29 ° (our tests result)
Range of IR illumination	...	30 m	50 m	...
Optical zoom	...	...	...	x 5
Digital zoom	...	...	...	x 16
Min. illumination	...	...	...	0.003 Lux (color)
S/N ratio	...	...	...	> 52 dB (AGC off)
Preset rotation speed	...	...	...	• 60 °/s (horizontal) • 50 °/s (vertical)
Rotation speed (manual control)	...	...	...	• 0.1 °/s ... 60 °/s (horizontal) • 0.1 °/s ... 50 °/s (vertical)
Horizontal rotation range	...	...	...	0 ... 350 ° - Rotation of the head is limited by stops
Vertical rotation range	...	...	...	0 ° ... 90 °
Access from PC	...	...	Port no.: 3000 or access by a cloud (P2P) - PC: Free application <a href="#">Easy7 Smart Client Express</a>	...
RS-485 interface	...	—	...	✓
Number of presets	...	...	...	1024
Horizontal scan	...	...	...	✓
Route settings	...	...	...	16
Image compression method	...	H.265+ / H.265 / H.264+ / H.264 / MJPEG	S+265 / H.265 / H.264	Ultra 265 / H.265 / H.264 / MJPEG
Audio	...	• Microphone built-in • Audio detection	• Microphone built-in • Audio transmission via network	• Microphone built-in • Speaker built-in • Audio transmission via network • Bi-directional audio streaming support
Bitrate	...	...	...	128 ... 16384 kbps
Alarm inputs / outputs	...	—	—	1 / 1
Main stream frame rate	...	25 fps @ 1080p	25 fps @ 1080p	25 fps @ 1080p
Network interface	...	10/100 Base-T (RJ-45)	• Wi-Fi - 2.4 GHz IEEE 802.11 b/g/n, • 10/100 Base-T (RJ-45)	• Wi-Fi - 2.4 GHz IEEE 802.11 b/g/n • 10/100 Base-TX (RJ-45)
Default IP address	...	192.168.1.108	DHCP or 192.168.1.2	...

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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, 37777	80, 443, 3000, 3001, 3002, 23002	...
PC client access ports	...	37777	3000, 3001	...
Mobile client access ports	...	37777	3000, 3001	...
Port ONVIF	...	80	80	...
RTSP URL	...	rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	...	...
Network protocols	...	IPv4/IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, NTP, Multicast, ICMP, IGMP	...	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, IEEE 802.1x
Memory card slot	...	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD card support up to 512GB	Micro SD memory cards up to 256GB support (possible local recording)
WEB Server	...	Built-in	Built-in	Built-in
Max. number of on-line users	...	6	2	32
ONVIF	...	21.06	✓	✓
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.: 3000 or access by a cloud (P2P) • Android: Free application <a href="#">EasyLive Plus</a> • iOS (iPhone): Free application <a href="#">EasyLive Plus</a>	Port 37777 • Android: Free application <a href="#">EZView</a> • iOS (iPhone): Free application <a href="#">EZView</a>
Color	Orange	White	White	...
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>• 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>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li> <li>• AGC - Automatic Gain Control</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Configurable Privacy Zones</li> <li>• Mirror - Mirror image</li> <li>• Motion Detection</li> <li>• Privacy zones</li> <li>• SMD PLUS - searching for an object classified as: human, motor vehicle</li> <li>• IVS analysis : intrusion, crossing the line (tripwire) - classification of people and vehicles</li> </ul>	<ul style="list-style-type: none"> <li>• Wi-Fi Module, Range : 50 m</li> <li>• 2D-DNR, 3D-DNR - Digital Noise Reduction</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>• Privacy zones - max. 4</li> <li>• Motion Detection</li> <li>• Sharpness - sharper image outlines</li> </ul>	<ul style="list-style-type: none"> <li>• Wi-Fi Module - IEEE 802.11 b/g/n</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>• ROI - improve the quality of selected parts of image</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Configurable Privacy Zones</li> <li>• Motion Detection</li> <li>• Sharpness - sharper image outlines</li> <li>• Mirror - Mirror image</li> <li>• ICR - Movable InfraRed filter</li> <li>• AGC - Automatic Gain Control</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• Intelligent image analysis : face detection, crossing the line (tripwire), intrusion, entering the marked area, leaving the marked area, people counting, crowd gathering estimation</li> </ul>
Power supply	...	• PoE (802.3af), • 12 V DC / 350 mA	12 V DC	• PoE (802.3at), • 12 V DC / 1.25 A
Power consumption	...	• ≤ 5.1 W @ PoE • ≤ 4.2 W @ 12 V DC	≤ 6 W	≤ 15 W
Housing	...	Compact - Metal	Compact, Metal + Plastic	Speed Dome, Plastic + Metal

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Supported languages	...	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Ukrainian, Hungarian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, Italian, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese	Polish, English, Czech, Spanish, Dutch, French, German, Portuguese, Slovak, Hungarian, Italian
Operation temp	...	-40 °C ... 60 °C	-40 °C ... 65 °C	-10 °C ... 50 °C
"Index of Protection"	...	IP67	IP67	—
Vandal-proof	...	...	...	—
Weight	1.5 kg	0.47 kg	0.31 kg	0.8 kg
Dimensions	...	Ø 70 x 166 mm	161 x 81 x 72 mm	Ø 129 x 144 mm
Manufacturer / Brand	...	DAHUA	TIANDY	UNIVIEW
Guarantee	2 years	3 years	3 years	3 years



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