





	IP VANDALPROOF CAMERA IPC322LB-AF28WK-G-BLACK Wi-Fi - 1080p 2.8 mm UNIVIEW	IP VANDALPROOF CAMERA IPC-HDBW1230DE-SW-0360B Wi-Fi - 1080p 3.6 mm DAHUA	IP CAMERA TC-C34WP SPEC-W/E/Y/2.8MM/V4.0 Color Maker 2.8 mm TIANDY	EXPANSION PLUG JPK-12X220/M5_EBOLT
				
	987.22 DKK 987.22 DKK	1083.97 DKK 1083.97 DKK	1438.65 DKK 1438.65 DKK	14.84 DKK 14.84 DKK
Standard	TCP/IP	TCP/IP	IP	...
Matrix size	2.1 Mpx	2.1 Mpx	...	...
Scanning system	Progressive	...	...	...
Material	...	...	...	• Expansion plug, Polypropylene • Screw, Steel galvanized • mounting screw, Steel galvanized
Drilling diameter	...	...	...	12 mm
Expansion plug length	...	...	...	215 mm
Screw dimensions	...	...	...	Ø 8 x 220 mm, Internal thread M5
Screw	...	...	...	Ø 5 x 16 mm
Application	...	...	...	for Styrofoam 150 mm
Resolution	1920 x 1080 - 1080p , 1280 x 720 - 720p	1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p	2592 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	...
S/N ratio	> 52 dB	...	...	...
RS-485 interface	—	...	...	...
Range of IR illumination	30 m	30 m	...	...
Sensor	1/2.9 " Progressive Scan CMOS	1/3 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	...
Lens	2.8 mm	3.6 mm	2.8 mm	...
View angle	• 101 ° (manufacturer data) • 92 ° (our tests result)	• 86 ° (manufacturer data) • 80 ° (our tests result)	• 100 ° (manufacturer data) • 90 ° (our tests result)	...
White light LED illuminator range	...	...	15 m	...
Memory card slot	Micro SD memory cards up to 128GB 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	Ultra 265 / H.265 / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264	S+265 / H.265 / H.264	...
Alarm inputs / outputs	—	—	—	...
Audio	• Microphone built-in • Audio transmission via network • Audio detection	—	• Microphone built-in • Audio transmission via network	...
Main stream frame rate	25 fps @ 1080p	25 fps @ 1080p	25 fps @ 4 Mpx	...
Network interface	• 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-T (RJ-45)	...	...
Interface	...	...	10/100 Base-TX (RJ-45)	...
Max. number of on-line users	...	...	2	...
Access from PC	...	...	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	...
Intelligent image analysis	...	...	• crossing the line (tripwire) • intrusion • video tampering	...
Network protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL / TLS, SNMP	IPv4, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, DHCP, DNS, NTP, Multicast, RTMP	...	...
WEB Server	Built-in	Built-in	Built-in	...
ONVIF	✓	20.06	✓	...
Mobile phones support	Access by a cloud (P2P) • Android: Free application EZView • iOS (iPhone): Free application EZView	Access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	...
Default IP address	DHCP or 192.168.1.13	DHCP	DHCP or 192.168.1.2	...
Default admin user / password	admin / 123456	admin / - The administrator password should be set at the first start	admin / - The administrator password should be set at the first start	...

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Web browser access ports	80, 554	80, 37777	80, 443, 3000, 3001, 3002, 23002	...
PC client access ports	Port no.: 80 or access by a cloud (P2P) - PC: Free application EZStation	37777	3000, 3001	...
Mobile client access ports	80	37777	3000, 3001	...
Port ONVIF	80	80	80	...
Mechanical protection class	...	...	...	...
RTSP URL	rtsp://192.168.1.13:554/unicast/c1/s0/live - Main stream rtsp://192.168.1.13:554/unicast/c1/s1/live - Sub stream	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	...	...
Main features	<ul style="list-style-type: none"> • Wi-Fi Module, Range : 120 m • D-WDR - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • 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 • NAS - Network Attached Storage support • BLC/HLC - Back Light / High Light Compensation • Possibility to change the resolution, quality and bit rate • Privacy zones - max. 4 • Motion Detection - max. 4 zones • Sharpness - sharper image outlines • Intelligent image analysis : Human detection 	<ul style="list-style-type: none"> • Wi-Fi Module, Range : 80 m (open area) ; Antenna - SMA socket • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • BLC - configurable Back Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Day/night mode • ICR - Movable InfraRed filter • Mirror - Mirror image • Motion Detection - max. 4 zones - Human detection 	<ul style="list-style-type: none"> • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • AGC - Automatic Gain Control • 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 • BLC/HLC - Back Light / High Light Compensation • Color maker - colorful night mode • Motion Detection 	...
Power supply	12 V DC / 340 mA	12 V DC / 500 mA (power adapter included)	• PoE (802.3af), • 12 V DC / 590 mA	...
Power consumption	≤ 4 W	< 4.9 W	≤ 7 W	...
Housing	Dome, Metal + Plastic	Dome - Metal	Compact - Metal + Plastic	...
Color	Black	White	White	...
"Index of Protection"	IP67	IP67	IP67	...
Vandal-proof	IK10	IK10	...	...
Operation temp	-30 °C ... 60 °C	-40 °C ... 60 °C	-40 °C ... 65 °C	...
Weight	0.4 kg	0.41 kg	0.3 kg	...
Dimensions	Ø 109 x 83 mm	146 x 111 x 91 mm	160 x 73 x 73 mm	...
Supported languages	Polish, English, Czech, Spanish, Dutch, French, German, Portuguese, Slovak, Hungarian, Italian	English, Spanish, Russian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	...
Manufacturer / Brand	UNIVIEW	DAHUA	TIANDY	EBOLT
Guarantee	3 years	3 years	3 years	2 years

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