




	IP CAMERA IPC2105SB-ADF16KM-I0 - 5 Mpx 1.68 mm UNIVIEW	IP CAMERA IPC2124LE-ADF28KM-G - 4 Mpx 2.8 mm UNIVIEW	IP CAMERA APTI-AI401CA3-28W-BLACK - 4 Mpx 2.8 mm
			
	352.22 EUR 352.22 EUR	156.07 EUR 156.07 EUR	52.47 EUR 52.47 EUR
Standard	TCP/IP	TCP/IP	TCP/IP
Matrix size	5 Mpx	4 Mpx	4 Mpx
Sensor	1/2.7 " Progressive Scan CMOS	1/3 " Progressive Scan CMOS	1/3 " Progressive Scan CMOS
Resolution	2880 x 1620 - 5 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p	2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p	2688 x 1512 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Lens	1.68 mm	2.8 mm	2.8 mm
View angle	180 °	• 101 ° (manufacturer data) • 97 ° (our tests result)	103 °
Range of IR illumination	20 m	50 m	25 m
S/N ratio	> 56 dB	> 52 dB	...
Image compression method	Ultra 265 / H.265 / H.264 / MJPEG	Ultra 265 / H.265 / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Memory card slot	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD memory cards up to 256GB support (possible local recording)	—
Alarm inputs / outputs	—	—	—
Main stream frame rate	25 fps @ 5 Mpx	25 fps @ 4 Mpx	25 fps @ 4 Mpx
Audio	• Microphone built-in • Audio transmission via network • Audio detection	• Microphone built-in • Audio transmission via network • Audio detection	• External microphone input, • Audio transmission via network, • Compliance with the AAC standard
Network interface	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)
RS-485 interface	—	—	—
Network protocols	IPv4/IPv6, IGMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, HTTP, HTTPS, SMTP, IEEE 802.1x, SNMP, QoS	IPv4/IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, QoS, SSL / TLS, IEEE 802.1x, SNMP	...
WEB Server	Built-in	Built-in	Built-in
Max. number of on-line users	32	32	10
ONVIF	✓	✓	✓
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 EZView • iOS (iPhone): Free application EZView	Port no.: 80 or access by a cloud (P2P) • Android: Free application BitVision • iOS (iPhone): Free application BitVision
Default IP address	DHCP or 192.168.1.13	DHCP or 192.168.1.13	192.168.1.168
Default admin user / password	admin / 123456	admin / 123456	admin / admin The administrator password should be set at the first start
Web browser access ports	80, 554	80, 554	80
PC client access ports	Port no.: 80 or access by a cloud (P2P) - PC: Free application EZStation	Port no.: 80 or access by a cloud (P2P) - PC: Free application EZStation	80

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Mobile client access ports	80	80	80
Port ONVIF	80	80	80
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://192.168.1.13:554/unicast/c1/s0/live - Main stream rtsp://192.168.1.13:554/unicast/c1/s1/live - Sub stream	• rtsp://user:password@ip_address:80/0 - Main stream • rtsp://user:password@ip_address:80/1 - Sub stream
Main features	<ul style="list-style-type: none"> • WDR - 120 dB - 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 • Mirror - Mirror image • Privacy zones - max. 4 • Sharpness - sharper image outlines • Motion detection with human/vehicle silhouette recognition • Intelligent image analysis : crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area 	<ul style="list-style-type: none"> • WDR - 120 dB - 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 • Mirror - Mirror image • Privacy zones - max. 4 • Motion detection with human/vehicle silhouette recognition • Sharpness - sharper image outlines • Intelligent image analysis : intrusion, crossing the line (tripwire) (human silhouette) 	<ul style="list-style-type: none"> • Intelligent image analysis : intrusion • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • F-DNR (Defog) - Reduction of image noise caused by precipitation • Flicker Control - The technology eliminates the tiring eyes flickering image effect • Mirror - Mirror image • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • ICR - Movable InfraRed filter • Possibility to change the resolution, quality and bit rate • Day/Night mode - configurable • RESET button - on the cable • Privacy zones - max. 3 • Sharpness - sharper image outlines • motion detection based on human detection
Power supply	<ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 460 mA 	<ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 540 mA 	<ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 310 mA
Power consumption	≤ 5.5 W	≤ 6.5 W	≤ 3.7 W
Housing	Compact, Metal	Compact, Metal + Plastic	Compact - Metal
Color	White	White	Black
"Index of Protection"	IP67	IP67	IP67
Vandal-proof	—	—	...
Operation temp	-30 °C ... 60 °C	-30 °C ... 60 °C	-20 °C ... 60 °C
Weight	0.43 kg	0.43 kg	0.44 kg
Dimensions	198 x 71 x 71 mm	190 73 x 71 mm	173 x 73 x 73 mm
Supported languages	Polish, English, Czech, Spanish, Dutch, French, German, Portuguese, Slovak, Hungarian, Italian	Polish, English, Czech, Spanish, French, German, Portuguese, Slovak, Hungarian, Italian	Polish, English, Bulgarian Czech, French, Spanish, Dutch, German, Portuguese, Russian, Turkish, Italian
Manufacturer / Brand	UNIVIEW	UNIVIEW	APTI
Guarantee	3 years	3 years	2 years

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