





	<a href="#">IP VANDALPROOF CAMERA IPC3614LE-ADF28KC-WL-BLACK ColorHunter - 4 Mpx 2.8 mm UNIVIEW</a>	<a href="#">IP CAMERA TC-C35XS SPEC:I3/E/Y/M/H/2.8MM/V4.1 - 5 Mpx 2.8 mm TIANDY</a>	<a href="#">HD-CVI CAMERA DH-HAC-HFW1400TP-028 - 3.7 Mpx 2.8 mm DAHUA</a>	<a href="#">POWER SUPPLY ADAPTER ZR48-158 48 V DC 3.3 A</a>
				
	131.44 GBP 131.44 GBP	244.32 GBP 244.32 GBP	47.31 GBP 47.31 GBP	57.73 GBP 57.73 GBP
Adapter type	...	...	...	Switching
Standard	TCP/IP	IP	HD-CVI, PAL	...
Matrix size	4 Mpx	...	4.1 Mpx	...
Power voltage	...	...	...	selectable by switch • 90 V ... 132 V AC, • 180 V ... 264 V AC
Voltage frequency range	...	...	...	47 ... 63 Hz
Output power	...	...	...	160 W
Output voltage	...	...	...	48 V DC
Output voltage adjustment	...	...	...	45.6 V ... 52.8 V DC
Maximal load	...	...	...	3.3 A
Efficiency	...	...	...	89 %
MTBF (Mean Time Between Faults)	...	...	...	> 700000 h - Telcordia SR-332
IR illuminator support	...	...	ICR - Movable InfraRed filter	...
Resolution	2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p	2880 x 1620 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p 1280 x 720 - 720p 960 x 576 - 960H, PAL	...
White light LED illuminator range	30 m	...	...	...
Sensor	1/3 " Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS	1/3 " Progressive Scan CMOS	...
Protections	...	...	...	• Overvoltage • Short-circuit • Overload
Housing type	...	...	...	1 U Rack 19"
RS-485 interface	—	...	...	...
Video output	...	...	HD-CVI / PAL - 1 Vpp / 75 Ω	...
Memory card slot	Micro SD memory cards up to 128GB support (possible local recording)	Micro SD card support up to 512GB	...	...
Lens	2.8 mm @ F1.6	2.8 mm	2.8 mm	...
Operation temp. / Relative humidity	...	...	...	-10 °C ... 70 °C / 10 % ... 80 %
Image compression method	Ultra 265 / H.265 / H.264 / MJPEG	S+265 / H.265 / H.264	...	...
View angle	• 113 ° (manufacturer data) • 97 ° (our tests result)	104 °	• 98 ° (manufacturer data) • 97 ° (our tests result)	...
Alarm inputs / outputs	—	1 / 1	...	...
S/N ratio	> 52 dB	...	> 65 dB	...
Range of IR illumination	30 m	30 m	30 m	...
IR illuminator power adjustment	...	...	Automatic	...

DELTA-OPTI Monika Matysiak / VAT:PL5251295225 / 60-713 Poznań, ul. Graniczna 10  
Tel:+48 61 864 69 60 / GSM:+48 607 60 11 66 / Fax:+48 61 864 69 65 / e-mail: info@delta.poznan.pl  
Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00

Audio	<ul style="list-style-type: none"> <li>• Microphone built-in</li> <li>• Speaker built-in</li> <li>• Bi-directional audio streaming support</li> <li>• Audio transmission via network</li> <li>• Audio detection</li> </ul>	<ul style="list-style-type: none"> <li>• Microphone built-in</li> <li>• Audio input</li> <li>• Audio output</li> <li>• Bi-directional audio streaming support</li> <li>• Audio detection</li> <li>• Compliance with the AAC standard</li> </ul>	...	...
Main stream frame rate	25 fps @ 4 Mpx	<ul style="list-style-type: none"> <li>• 25 fps @ 5 Mpx</li> <li>• 50 fps @ 2 Mpx</li> </ul>	...	...
OSD menu	...	...	OSD menu available via recorder	...
Network interface	10/100 Base-TX (RJ-45)	10/100 Base-TX (RJ-45)	...	...
Access from PC	...	Port no.: 3000 or access by a cloud (P2P) - PC: Free application <a href="#">Easy7 Smart Client Express</a>	...	...
Network protocols	IPv4/IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL / TLS, IEEE 802.1x, SNMP	...	...	...
WEB Server	Built-in	Built-in	...	...
Max. number of on-line users	32	2	...	...
ONVIF	✓	✓	...	...
Mobile phones support	Access by a cloud (P2P) <ul style="list-style-type: none"> <li>• Android: Free application <a href="#">EZView</a></li> <li>• iOS (iPhone): Free application <a href="#">EZView</a></li> </ul>	Port no.: 3000 or access by a cloud (P2P) <ul style="list-style-type: none"> <li>• Android: Free application <a href="#">EasyLive Plus</a></li> <li>• iOS (iPhone): Free application <a href="#">EasyLive Plus</a></li> </ul>	...	...
Intelligent image analysis	...	<ul style="list-style-type: none"> <li>• classification of people and vehicles</li> <li>• crossing the line (tripwire)</li> <li>• intrusion</li> <li>• double crossing the line</li> <li>• video tampering</li> <li>• face detection</li> <li>• detection of loitering in a given area</li> <li>• protective helmet detection</li> <li>• detection of persons on duty</li> <li>• abandoned/missing object</li> <li>• running</li> <li>• illegal parking</li> <li>• people counting</li> </ul>	...	...
Default IP address	DHCP or 192.168.1.13	192.168.1.2	...	...
Default admin user / password	admin / 123456	admin / - The administrator password should be set at the first start	...	...
Web browser access ports	80, 554	80, 443, 3000, 3001, 3002, 23002	...	...
PC client access ports	Port no.: 80 or access by a cloud (P2P) - PC: Free application <a href="#">EZStation</a>	3000, 3001	...	...
Mobile client access ports	80	3000, 3001	...	...
Port ONVIF	80	80	...	...



DELTA-OPTI Monika Matysiak / VAT:PL5251295225 / 60-713 Poznań, ul. Graniczna 10  
 Tel:+48 61 864 69 60 / GSM:+48 607 60 11 66 / Fax:+48 61 864 69 65 / e-mail: info@delta.poznan.pl  
 Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00

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	...	...	...
Main features	<ul style="list-style-type: none"> <li>• ColorHunter - colorful night mode</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>• BLC/HLC - Back Light / High Light Compensation</li> <li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• ICR - Movable InfraRed filter</li> <li>• AGC - Automatic Gain Control</li> <li>• ROI - improve the quality of selected parts of image</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>• Possibility to change the resolution, quality and bit rate</li> <li>• Sharpness - sharper image outlines</li> <li>• Corridor mode - useful for monitoring corridors, entrance gates and narrow rooms</li> <li>• Privacy zones - max. 4</li> <li>• Motion detection with human/vehicle silhouette recognition</li> <li>• Intelligent image analysis : crossing the line (tripwire), intrusion (human silhouette)</li> <li>• Overvoltage protection : 4 kV</li> </ul>	<ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 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>• Corridor mode</li> <li>• AGC - Automatic Gain Control</li> <li>• NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network</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>• BLC/HLC - Back Light / High Light Compensation</li> <li>• ICR - Movable InfraRed filter</li> <li>• Day/night mode</li> <li>• Motion Detection</li> </ul>	<ul style="list-style-type: none"> <li>• D-WDR - Wide Dynamic Range</li> <li>• 2D-DNR - Digital Noise Reduction</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• ICR - Movable InfraRed filter</li> <li>• Sharpness - sharper image outlines</li> <li>• AGC - Automatic Gain Control</li> <li>• Privacy zones</li> <li>• Mirror - Mirror image</li> <li>• Auto White Balance</li> </ul>	...
Power supply	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 670 mA</li> </ul>	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 670 mA</li> </ul>	12 V DC / 270 mA	...
Power consumption	≤ 8 W	≤ 8 W	≤ 3.2 W	...
Housing	Dome, Metal + Plastic	Dome - Metal	Compact, Aluminum	...
Color	Black	White	White	...
"Index of Protection"	IP67	IP66	IP67	...
Vandal-proof	IK10	—	...	...
Operation temp	-30 °C ... 60 °C	-40 °C ... 65 °C	-40 °C ... 60 °C	...
Weight	0.31 kg	0.5 kg	0.35 kg	0.68 kg
Dimensions	Ø 118 x 96 mm	Ø 117 x 86 mm	165 x 73 x 73 mm	482 x 44 x 100 mm
Supported languages	Polish, English, Czech, Spanish, Dutch, French, German, Portuguese, Slovak, Hungarian, Italian	Polish, English, Albanian, Arabic, French, Hebrew, Spanish, Dutch, Korean, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	English, Chinese, French, Spanish, Japanese, Korean, German, Polish, Portuguese, Russian, Italian	...
Manufacturer / Brand	UNIVIEW	TIANDY	DAHUA	DELTA
Guarantee	3 years	3 years	3 years	5 years

DELTA-OPTI Monika Matysiak / VAT:PL5251295225 / 60-713 Poznań, ul. Graniczna 10  
Tel:+48 61 864 69 60 / GSM:+48 607 60 11 66 / Fax:+48 61 864 69 65 / e-mail: info@delta.poznan.pl  
Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00