

	AHD, HD-CVI, HD-TVI CAMERA APTI, H50C-CE1G 2Mpx / 5Mpx 2.8 – 13 mm	AHD, HD-CVI, HD-TVI CAMERA APTI, H50C-CE1TW 2Mpx / 5Mpx 2.8 – 13 mm	AHD, HD-CVI, HD-TVI CAMERA APTI, H50C61-CE1TW 2Mpx / 5Mpx 2.8 – 13 mm	AHD, HD-CVI, HD-TVI, PAL CAMERA HAC-B3A2L, A-2712-1080p 2.7 – 17 mm - MOTIZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL CAMERA HAC-HFW1200R-Z, A-2712-SB-1080p 2.7 – 12 mm, -MOTIZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL CAMERA HAC-HFW1200R-Z, IREGA-2712-1080p 2.7 – 14 mm, -MOTIZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL CAMERA HAC-HFW1211R, A-2712-S-1080p 2.7 – 12 mm, -MOTIZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL CAMERA HAC-HFW2211U-Z, A-2713S-S2-10P-1080p 2.7 – 13.5 mm, -MOTIZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL CAMERA DS-3CE16D8T, AT37Z-1080p 2.7 – 13.5 mm, -MOTIZOOM Hikvision	HD-TVI CAMERA DS-3CE16D8T, IT37Z(2.8-12MM)-1080p Poc-4 Hikvision	AHD, HD-CVI, HD-TVI, PAL CAMERA DS-3CE16D0T-VTTT4F2 7.13.5MM(C) -1080p 2.7 – 13.5 mm Hikvision
											
Standard	83.65 EUR 83.65 EUR	83.77 EUR 83.77 EUR	55.75 EUR 55.75 EUR	111.97 EUR 111.97 EUR	116.54 EUR 116.54 EUR	124.47 EUR 124.47 EUR	144.17 EUR 144.17 EUR	206.89 EUR 206.89 EUR	162.67 EUR 162.67 EUR	178.77 EUR 178.77 EUR	102.12 EUR 102.12 EUR
Sensor	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS
Matrix size	5 Mpx	5 Mpx	5 Mpx	2.1 Mpx	2.1 Mpx	2.1 Mpx	2.1 Mpx	2.1 Mpx	2.1 Mpx	2.1 Mpx	2 Mpx
Resolution	2592 x 1944 - 5 Mpx @ AHD / HD-TVI @ 20 fps, 12.5 fps, 2560 x 1440 - 4 Mpx @ AHD / HD-TVI / HD-CVI @ 25 fps, 30 fps, 1920 x 1080 - 1080p @ AHD / HD-TVI / HD-CVI @ 25 fps, 30 fps	2592 x 1944 - 5 Mpx @ AHD / HD-TVI @ 20 fps, 12.5 fps, 2560 x 1440 - 4 Mpx @ AHD / HD-TVI / HD-CVI @ 25 fps, 30 fps, 1920 x 1080 - 1080p @ AHD / HD-TVI / HD-CVI @ 25 fps, 30 fps	2592 x 1944 - 5 Mpx @ AHD / HD-TVI @ 20 fps, 12.5 fps, 2560 x 1440 - 4 Mpx @ AHD / HD-TVI / HD-CVI @ 25 fps, 30 fps, 1920 x 1080 - 1080p @ AHD / HD-TVI / HD-CVI @ 25 fps, 30 fps	1920 x 1080 - 1080p - 1280 x 720 - 720p, 960 x 576 - 960H, PAL	1920 x 1080 - 1080p - 1280 x 720 - 720p, 960 x 576 - 960H, PAL	1920 x 1080 - 1080p - 1280 x 720 - 720p, 960 x 576 - 960H, PAL	1920 x 1080 - 1080p - 1280 x 720 - 720p, 960 x 576 - 960H, PAL	1920 x 1080 - 1080p - 1280 x 720 - 720p, 960 x 576 - 960H, PAL	1920 x 1080 - 1080p - 1280 x 720 - 720p, 960 x 576 - 960H, PAL	1920 x 1080 - 1080p	1920 x 1080 - 1080p @ AHD / HD-CVI / HD-TVI @ 25 fps 960 x 576 - 960H @ PAL
Lens	2.8 ... 12 mm	2.8 ... 12 mm	2.8 ... 12 mm	2.7 ... 12 mm - Motizoom The camera does not have auto-focus function	2.7 ... 12 mm - Motizoom	2.7 ... 12 mm - Motizoom	2.7 ... 12 mm - Motizoom	2.7 ... 13.5 mm - Motizoom	2.7 ... 13.5 mm - Motizoom	2.8 ... 12 mm - Motizoom	2.7 ... 13.5 mm
Range of IR illumination	40 m	40 m	60 m	40 m	60 m	60 m	60 m	80 m	60 m	40 m	40 m
Audio	-	-	-	-	Microphone built-in - HD-CVI only	Microphone built-in - HD-CVI only	Microphone built-in - HD-CVI only	Microphone built-in - HD-CVI only	Microphone built-in - HD-CVI only	-	-
IR illuminator power	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
View angle	• 89° ... 27° (manufacturer data) • 80° ... 34° (our tests result)	• 95° ... 29° (manufacturer data) • 100° ... 37° (our tests result)	• 95° ... 30° (manufacturer data) • 87° ... 33° (our tests result)	• 102° ... 33° (manufacturer data) • 90° ... 34° (our tests result)	• 90° ... 28° (manufacturer data) • 92° ... 28° (our tests result)	• 102° ... 33° (manufacturer data) • 100° ... 34° (our tests result)	• 102° ... 33° (manufacturer data) • 100° ... 34° (our tests result)	108° ... 30°	• 103° ... 32° (manufacturer data) • 90° ... 32° (our tests result)	• 103° ... 32° (manufacturer data) • 93° ... 32° (our tests result)	100° ... 30°
S/N ratio	> 50 db	> 50 db	> 50 db	> 65 db	> 65 db	> 65 db	> 65 db	> 65 db	> 65 db	> 65 db	> 65 db
Video output	1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI - selectable by switch	1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI - selectable by switch	1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI - selectable by switch	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	AHD, HD-CVI, HD-TVI, CVBS - 1 Vpp / 75 Ω	1 Vpp / 75 Ω - AHD / HD-CVI / HD-TVI / CVBS	1 Vpp / 75 Ω - BNC socket	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω
Main features	• D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Auto White Balance • Day/Night mode - configurable • Sharpness - sharper image outlines	• D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Auto White Balance • Day/Night mode - configurable • Sharpness - sharper image outlines	• D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Auto White Balance • Day/Night mode - configurable • Sharpness - sharper image outlines	• Motizoom lens - The camera does not have auto-focus function • D-WDR - Wide Dynamic Range • 2D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC - Back Light Compensation (spot) • HLC - High Light Compensation • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • ICR - Movable InfraRed filter • Mirror - Mirror image • Privacy zones - max. 8 zones • Auto White Balance • Sharpness - sharper image outlines	• Motizoom lens • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC - Back Light Compensation (spot) • HLC - High Light Compensation • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • ICR - Movable InfraRed filter • Mirror - Mirror image • Privacy zones - max. 8 zones • Auto White Balance • Sharpness - sharper image outlines	• Motizoom lens - The camera does not have auto-focus function • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC - Back Light Compensation (spot) • HLC - High Light Compensation • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • ICR - Movable InfraRed filter • Mirror - Mirror image • Privacy zones - max. 8 zones • Auto White Balance • Sharpness - sharper image outlines	• Motizoom lens • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC - Back Light Compensation (spot) • HLC - High Light Compensation • AGC - Automatic Gain Control • Auto White Balance • Privacy zones - max. 8 zones • Mirror - Mirror image • Sharpness - sharper image outlines	• Motizoom lens • WDR - 130 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC - Back Light Compensation (spot) • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Auto White Balance • Privacy zones - max. 4 zones • Motion Detection - max. 4 zones • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Auto White Balance • Sharpness - sharper image outlines	• EXIR - high-efficiency infrared LEDs technology, which evenly covers the whole plan of both central vantage points of the scene as well as the corners • 3D-DNR - Digital Noise Reduction • BLC - Back Light Compensation (spot) • ICR - Movable InfraRed filter • HLC - High Light Compensation (spot) • BLC - Back Light Compensation (spot) • Motion Detection - max. 4 zones • Privacy zones - max. 4 zones • AGC - Automatic Gain Control • Auto White Balance • Sharpness - sharper image outlines	• EXIR - high-efficiency infrared LEDs technology, which evenly covers the whole plan of both central vantage points of the scene as well as the corners • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Auto White Balance • Sharpness - sharper image outlines	• D-WDR - Wide Dynamic Range • 2D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • Auto White Balance • Sharpness - sharper image outlines
OSD menu	✓	✓	✓	✓	✓	✓	✓	OSD menu available via DAHUA recorder	✓	The ability to control via coaxial cable from recorder HIKVISION or via control panel at the bottom of the camera	
Power supply	12 V DC / 410 mA	12 V DC / 360 mA	12 V DC / 410 mA	12 V DC / 550 mA	12 V DC / 790 mA	12 V DC / 1.01 A	12 V DC / 790 mA	12 V DC / 790 mA	12 V DC / 790 mA	12 V DC / 790 mA	12 V DC ± 15% / 420 mA
Power consumption	≤ 4.9 W	≤ 4.3 W	≤ 4.9 W	≤ 6.6 W	≤ 9.4 W	≤ 12.1 W	≤ 9.4 W	≤ 9.4 W	≤ 9.4 W	≤ 8.2 W	≤ 5 W
Housing	Compact - Metal	Compact - Metal	Compact - Metal	Compact, Plastic + Metal	Compact, Metal	Compact, Metal	Compact, Metal	Compact, Aluminum	Compact, Metal	Compact, Metal / Plastic	Compact, Metal + Plastic
SAP Code											
Color	Graphite	White	White	White	White	White	White	White	White + Black	White / Black	White
Country of origin									China	China	China
"Index of Protection"	IP67	IP66	IP66	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Operation temp	20 °C ... 60 °C	20 °C ... 50 °C	20 °C ... 60 °C	30 °C ... 60 °C	30 °C ... 60 °C	30 °C ... 60 °C	30 °C ... 60 °C	30 °C ... 60 °C	40 °C ... 60 °C	40 °C ... 60 °C	40 °C ... 60 °C
Weight	0.67 kg	0.68 kg	0.68 kg	0.53 kg	0.54 kg	0.54 kg	0.54 kg	0.78 kg	0.92 kg	0.75 kg	0.57 kg
Dimensions	210 x 68 x 84 mm	210 x 68 x 84 mm	210 x 68 x 84 mm	243 x 91 x 91 mm	210 x 90 x 90 mm	210 x 90 x 90 mm	210 x 90 x 90 mm	244 x 90 x 90 mm	270 x 85 x 92 mm	270 x 92 x 89 mm	255 x 85 x 92 mm
Supported languages	English	English, Portuguese, Russian, Italian	Polish, English, French, Spanish, Portuguese, Russian, Italian							English	
Manufacturer / Brand	APTI	APTI	APTI	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	Hikvision	Hikvision	Hikvision
Guarantee	2 years	2 years	2 years	3 years	3 years	3 years	3 years	5 years	3 years	3 years	3 years

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