

	AHD_HD-CVI_HD-TVI CAMERA APTI H50C4-2017W_2Mpx / 5Mpx 2.8 ... 12 mm	AHD_HD-CVI_HD-TVI CAMERA APTI H50C4-2017W_2Mpx / 5Mpx 2.8 ... 12 mm	AHD_HD-CVI_HD-TVI CAMERA APTI H50C4-2017W_2Mpx / 5Mpx 2.8 ... 12 mm	AHD_HD-CVI_HD-TVI_PAL CAMERA APTI H50C4-2017W_2.8 Mpx 4K UHD 2.8 ... 12 mm	AHD_HD-CVI_HD-TVI_PAL CAMERA APTI H50C4-2017W_2.8 Mpx 4K UHD 2.8 ... 12 mm	AHD_HD-CVI_HD-TVI_PAL CAMERA HAC-HFW1500R-Z-IR6E A-2712-S2 - 5 Mpx 4.7 - 12 mm - MOTOZOOM DAHUA	AHD_HD-CVI_HD-TVI_PAL CAMERA HAC-HFW1801R-Z A-2713-S2 - 8.3 Mpx 4K UHD 2.7 - 13.5 mm - MOTOZOOM DAHUA	AHD_HD-CVI_HD-TVI_PAL CAMERA HAC-HFW1801R-Z A-2713-S2 - 8.3 Mpx 4.7 - 13.5 mm - MOTOZOOM DAHUA	AHD_HD-CVI_HD-TVI_PAL CAMERA HAC-HFW2501T-LZ A-3608-S2 - 5 Mpx 3.6 mm 13.5 mm - MOTOZOOM DAHUA	AHD_HD-CVI_HD-TVI_PAL CAMERA HAC-HFW2501T-LZ A-3608-S2 - 5 Mpx 4.7 - 13.5 mm - MOTOZOOM DAHUA	HD-TVI CAMERA DS-2C61980T- H-2707-7.1-3.5mmHC - 5 Mpx 2.7 - 13.5 mm - MOTOZOOM Hikvision	AHD_HD-CVI_HD-TVI_PAL CAMERA DS-2C61980T- H-2707-7.1-3.5mm - 5 Mpx 2.7 - 13.5 mm - MOTOZOOM Hikvision	AHD_HD-CVI_HD-TVI_PAL CAMERA BCS-S-B 074312H1 - 5 Mpx 3.3 - 12 mm BCS BASIC
Standard	63.38 EUR 63.38 EUR	63.50 EUR 63.50 EUR	55.51 EUR 55.51 EUR	70.44 EUR 70.44 EUR	80.01 EUR 80.01 EUR	145.47 EUR 145.47 EUR	213.18 EUR 213.18 EUR	211.99 EUR 211.99 EUR	153.13 EUR 153.13 EUR	230.89 EUR 230.89 EUR	169.40 EUR 169.40 EUR	199.07 EUR 199.07 EUR	50.01 EUR 50.01 EUR
Sensor	AHD, HD-CVI, HD-TVI	AHD, HD-CVI, HD-TVI	AHD, HD-CVI, HD-TVI	AHD, HD-CVI, HD-TVI, PAL	AHD, HD-CVI, HD-TVI, PAL	AHD / HD-CVI / HD-TVI / PAL	AHD / HD-CVI / HD-TVI / PAL	AHD / HD-CVI / HD-TVI / PAL	AHD / HD-CVI / HD-TVI / PAL	AHD / HD-CVI / HD-TVI / PAL	AHD / HD-CVI / HD-TVI / PAL	AHD / HD-CVI / HD-TVI / PAL	AHD / HD-CVI / HD-TVI / PAL
Matrix size	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
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	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	• 2880 x 1620 - 5 Mpx @ HD-CVI-25 fps, Aspect Ratio 16 : 9 • 2560 x 1440 - 4 Mpx @ AHD / HD-TVI - 25 fps • 1920 x 1080 - 1080p @ HD-CVI-25 fps • 960 x 576 - 960H @ PAL	3840 x 2160 - 8.3 Mpx, 4K UHD @ 15 fps 2880 x 1620 - 5 Mpx @ 25 fps 2560 x 1440 - 4 Mpx @ 25 fps 1920 x 1080 - 1080p 960 x 576 - 960H, PAL	3840 x 2160 - 8.3 Mpx, 4K UHD @ 15 fps 2592 x 1944 - 5 Mpx @ 20 fps 2560 x 1440 - 4 Mpx @ 25 fps 1920 x 1080 - 1080p 960 x 576 - 960H, PAL	2880 x 1620 - 5 Mpx @ HD-CVI only 2560 x 1440 - 4 Mpx @ 25 fps 1920 x 1080 - 1080p @ HD-CVI only 960 x 576 - 960H, PAL	• 2560 x 1944 - 5 Mpx @ AHD / HD-TVI 20 fps • 2560 x 1440 - 4 Mpx @ AHD / HD-CVI / HD-TVI @ 25 fps • 1920 x 1080 - 1080p @ HD-TVI @ 25 fps • 960 x 576 - 960H @ PAL	2560 x 1944 - 5 Mpx @ 20 fps, AHD, HD-TVI 2560 x 1440 - 3.7 Mpx @ 25 fps, HD-CVI 960 x 576 - 960H, PAL	2560 x 1944 - 5 Mpx @ 20 fps, AHD, HD-TVI 2560 x 1440 - 3.7 Mpx @ 25 fps, HD-CVI 960 x 576 - 960H, PAL
Range of IR illumination	40 m	40 m	60 m	60 m	60 m	60 m	80 m	60 m	60 m	80 m	40 m	60 m	40 m
Lens	2.8 ... 12 mm	2.8 ... 12 mm	2.8 ... 12 mm	2.8 ... 12 mm	2.8 ... 12 mm	2.7 ... 12 mm - Motozoom	2.7 ... 13.5 mm - Motozoom, AutoFocus	2.7 ... 13.5 mm - Motozoom, AutoFocus	3.6 mm	2.7 ... 13.5 mm - Motozoom	2.7 ... 13.5 mm - Motozoom, AutoFocus	2.7 ... 13.5 mm - Motozoom, AutoFocus	3.3 ... 12 mm, F1.2
IR illuminator power adjustment	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Audio						Microphone built-in - HD-CVI only	• Microphone built-in • Audio support via coaxial cable - HD-CVI only	Microphone built-in - HD-CVI only		• Microphone built-in - HD-CVI only			
Vandal-proof													
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)	• 92 ° ... 27 ° (manufacturer data) • 100 ° ... 40 ° (our tests result)	• 87 ° ... 24 ° (manufacturer data) • 84 ° ... 33 ° (our tests result)	• 107 ° ... 34 ° (manufacturer data) • 102 ° ... 35 ° @ HD-CVI (our tests result) • 87 ° ... 31 ° @ AHD / HD-CVI (our tests result)	114 ° ... 32 °	• 105 ° ... 33 ° (manufacturer data) • 101 ° ... 33 ° (our tests result)	• 92 ° (manufacturer data) • 77 ° (our tests result)	• 113 ° ... 31 ° (manufacturer data) • 110 ° ... 32 ° (our tests result)	• 95 ° ... 26 ° (manufacturer data) • 91 ° ... 34 ° (our tests result)	• 92 ° ... 29 ° (manufacturer data) • 98 ° ... 29 ° (our tests result)	• 120 ° ... 38 ° (manufacturer data) • 86 ° ... 33 ° (our tests result)
SN ratio		> 50 dB	> 50 dB	> 50 dB	> 50 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 - Via OSD, selectable by switch	1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI / PAL - selectable by switch	1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI / PAL - selectable by switch	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	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	HD-TVI, 1 Vpp / 75 Ω	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 • 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	• WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • HLC - Back Light Compensation • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Auto White Balance • Day/Night mode - configurable • Sharpness - sharper image outlines	• Motozoom lens - The camera does not have auto-focus function • D-WDR - Wide Dynamic Range • 2D-DNR - Digital Noise Reduction • Anti-Flicker - The technology eliminates the tiring eyes flickering image effect • HLC - Back Light Compensation (spot) • AGC - Automatic Gain Control • Auto White Balance • Privacy zones - max. 8 • Mirror - Mirror image • Sharpness - sharper image outlines	• Motozoom lens - AutoFocus • WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • HLC - Back Light Compensation (spot) • D-ZOOM - Digital Zoom : 4x • Auto White Balance • AGC - Automatic Gain Control • Configurable Privacy Zones • Mirror - Mirror image • Sharpness - sharper image outlines	• WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • HLC - Back Light / High Light Compensation (spot) • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Auto White Balance • Privacy zones - max. 8 • Mirror - Mirror image • Sharpness - sharper image outlines	• Motozoom lens, AutoFocus • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • HLC/HLC-Pro - Back Light / High Light Compensation • AGC - Automatic Gain Control • Auto White Balance • Day/Night mode • ICR - Movable InfraRed filter • F-DNR (Defog) - Reduction of image noise caused by precipitation • Mirror - Mirror image • Sharpness - sharper image outlines • D-ZOOM - Digital Zoom : 4 x	• Motozoom lens • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • 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 • HLC - Back Light Compensation (spot) • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • Auto White Balance • Motion Detection - max. 4 zones • Privacy zones - max. 4 • Mirror - Mirror image • Sharpness - sharper image outlines	• Motozoom lens • WDR ≥ 130 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • 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 • HLC - Back Light Compensation (spot) • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • Auto White Balance • Motion Detection - max. 4 zones • Privacy zones - max. 4 • Mirror - Mirror image • Sharpness - sharper image outlines	• D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • 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 • HLC - Back Light Compensation (spot) • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • Auto White Balance • Day/Night mode • AGC - Automatic Gain Control • OSD menu available via BCS-NVR recorder
OSD menu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Power supply	12 V DC / 410 mA	12 V DC / 360 mA	12 V DC / 410 mA	12 V DC / 420 mA	12 V DC / 590 mA	12 V DC / 820 mA	12 V DC / 890 mA	12 V DC / 920 mA	12 V DC / 800 mA	12 V DC / 890 mA	• PoC at • 12 V DC ± 20 % / 870 mA	• 12 V DC ± 20 % / 870 mA, • 24 V AC ± 20 % / 435 mA	12 V DC / 420 mA
Power consumption	≤ 4.9 W	≤ 4.3 W	≤ 4.9 W	≤ 5 W	≤ 7.1 W	≤ 9.8 W	≤ 10.6 W	≤ 11 W	≤ 9.6 W	≤ 10.7 W	≤ 8.7 W	≤ 10.5 W	≤ 5 W
Housing	Compact - Metal	Compact - Metal	Compact - Metal	Compact - Metal	Compact - Metal	Compact, Metal	Compact, Metal	Compact, Metal	Compact, Aluminum	Compact, Aluminum	Compact, Metal + Plastic	Compact, Metal + Plastic	Compact, Metal
SAP Code											300513459	300510478	
Color	Graphite	White	White	White	White	White	White + Black	White	White + Black	White	White + Black	White + Black	Dark graphite
"Index of Protection"	IP67	IP66	IP66	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP66
Operation temp.	-20 °C ... 60 °C	-20 °C ... 50 °C	-20 °C ... 60 °C	-20 °C ... 60 °C	-20 °C ... 50 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-20 °C ... 60 °C	-20 °C ... 60 °C	-20 °C ... 60 °C
Weight	0.67 kg	0.68 kg	0.68 kg	0.68 kg	0.66 kg	0.55 kg	0.57 kg	0.55 kg	0.75 kg	0.78 kg	0.69 kg	0.86 kg	0.94 kg
Dimensions	210 x 88 x 84 mm	210 x 88 x 84 mm	210 x 88 x 84 mm	210 x 88 x 84 mm	211 x 90 x 90 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	244 x 90 x 90 mm	255 x 85 x 92 mm	277 x 81 x 83 mm	277 x 81 x 83 mm
Supported languages	English	English, Portuguese, Russian, Italian	Polish, English, French, Spanish, Portuguese, Russian, Italian	Polish, English	English, Spanish, Portuguese								English
Manufacturer / Brand	APTI	APTI	APTI	APTI	APTI	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	Hikvision	Hikvision	BCS BASIC
Warranty	2 years	2 years	2 years	2 years	2 years	2 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years



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