

	AHD-HD-CVI-HD-TVI CAMERA APTI H50C-2-2812W-2Mpx / 5Mpx 2.8 ... 12 mm	AHD-HD-CVI-HD-TVI CAMERA APTI H50C-2-2812W-2Mpx / 5Mpx 2.8 ... 12 mm	AHD-HD-CVI-HD-TVI CAMERA APTI H50C-2-2812W-2Mpx / 5Mpx 2.8 ... 12 mm	AHD-HD-CVI-HD-TVI PAL CAMERA APTI H50C-2-2812W - 8.3 Mpx 4K UHD 2.8 ... 12 mm	AHD-HD-CVI-HD-TVI PAL CAMERA APTI H50C-2-2812W - 8.3 Mpx 4K UHD 2.8 ... 12 mm	AHD-HD-CVI-HD-TVI PAL CAMERA HAC-HFW1506R-Z-IR6E A-2712-S2 - 5 Mpx 2.7 - 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 4K UHD 2.7 - 13.5 mm - MOTOZOOM DAHUA	AHD-HD-CVI-HD-TVI PAL CAMERA HAC-HFW2501T-L A-3608-S2 - 5 Mpx 3.6 mm - DAHUA	AHD-HD-CVI-HD-TVI PAL CAMERA HAC-HFW2501T-L A-3608-S2 - 5 Mpx 3.6 mm - DAHUA	HD-TVI CAMERA DS-2C61980T2 H-2767-7.1-3.5MMHC - 5 Mpx 2.7 - 13.5 mm - MOTOZOOM Hikvision	AHD-HD-CVI-HD-TVI PAL CAMERA DS-2C61980T2 H-2767-7.1-3.5MMHC - 5 Mpx 2.7 - 13.5 mm - MOTOZOOM Hikvision	AHD-HD-CVI-HD-TVI PAL CAMERA BCS-B 0743312H1 - 5 Mpx 3 - 12 mm BCS BASIC
Standard	63.17 EUR 63.17 EUR	63.29 EUR 63.29 EUR	55.32 EUR 55.32 EUR	70.20 EUR 70.20 EUR	79.74 EUR 79.74 EUR	144.98 EUR 144.98 EUR	212.46 EUR 212.46 EUR	211.27 EUR 211.27 EUR	152.61 EUR 152.61 EUR	230.11 EUR 230.11 EUR	168.82 EUR 168.82 EUR	198.39 EUR 198.39 EUR	49.84 EUR 49.84 EUR
	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 / CVBS
Sensor	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" SONY Starvis™ Back Illuminated 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
Matrix size	5 Mpx	5 Mpx	5 Mpx	8.3 Mpx	8.3 Mpx	8.3 Mpx 4K UHD	8.3 Mpx 4K UHD	8.3 Mpx 4K UHD	5 Mpx	5 Mpx	5 Mpx	5 Mpx	5 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	• 3840 x 2160 - 8.3 Mpx, 4K UHD @ AHD / HD-CVI / HD-TVI @ 15 fps, 2592 x 1944 - 5 Mpx @ AHD / HD-TVI @ 20 fps, 12.5 fps 2592 x 1944 - 5 Mpx @ AHD / HD-TVI @ 20 fps • 2560 x 1440 - 4 Mpx @ AHD / HD-CVI / HD-TVI @ 25 fps 2560 x 1440 - 4 Mpx @ AHD / HD-TVI / HD-CVI @ 25 fps 1526 x 1080 - 1080p @ HD-CVI-25 fps • 1920 x 1080 - 1080p @ AHD / HD-TVI / HD-CVI @ 25 fps 1920 x 1080 - 1080p @ AHD / HD-TVI / HD-CVI @ 25 fps • 960 x 576 - 960H @ PAL	• 3840 x 2160 - 8.3 Mpx, 4K UHD @ AHD / HD-CVI / HD-TVI @ 15 fps, 2592 x 1944 - 5 Mpx @ AHD / HD-TVI @ 20 fps, 12.5 fps 2592 x 1944 - 5 Mpx @ AHD / HD-TVI @ 20 fps • 2560 x 1440 - 4 Mpx @ AHD / HD-CVI / HD-TVI @ 25 fps 2560 x 1440 - 4 Mpx @ AHD / HD-TVI / HD-CVI @ 25 fps 1526 x 1080 - 1080p @ HD-CVI-25 fps • 1920 x 1080 - 1080p @ AHD / HD-TVI / HD-CVI @ 25 fps 1920 x 1080 - 1080p @ AHD / HD-TVI / HD-CVI @ 25 fps • 960 x 576 - 960H @ PAL	• 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 • 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, 2880 x 1620 - 5 Mpx @ 25 fps 2560 x 1440 - 4 Mpx @ 25 fps 1920 x 1080 - 1080p 960 x 576 - 960H, PAL	• HD-CVI - 2880 x 1620 - 5 Mpx - Aspect Ratio 16 : 9 • 2560 x 1440 - 4 Mpx • 1920 x 1080 - 1080p • AHD / HD-TVI - 2560 x 1440 - 4 Mpx @ 25 fps • CVBS - 960 x 576 - 960H	• 2560 x 1944 - 5 Mpx 20 fps, 2560 x 1440 - 4 Mpx @ 25 fps • 1920 x 1080 - 1080p @ HD-TVI 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 only • 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	80 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, AutoFocus	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
Vandal-proof	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-
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	HD-TVI, 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS, 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	• 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 • F-DNR (Defog) - Reduction of image noise caused by precipitation • Auto Flicker - The technology eliminates the tiring eyes flickering image effect • HLC - Back Light Compensation (spot) • AGC - Automatic Gain Control • Auto White Balance • ICR - Movable Infrared filter • 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 • ICR - Movable Infrared filter • 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 • AGC - Automatic Gain Control • Auto White Balance • ICR - Movable Infrared filter • 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 • BLCLHC/HLC-Pro - Back Light / High Light Compensation • AGC - Automatic Gain Control • Auto White Balance • ICR - Movable Infrared filter • Day/Night mode • Configurable Privacy Zones • 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 • 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 • 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 • HLC - Back Light Compensation (spot) • AGC - Automatic Gain Control • ICR - Movable Infrared filter • Auto White Balance • 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, • 24 V AC ± 20 % / 435 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	• PoC at • 12 V DC ± 15 % / 725 mA	• 12 V DC ± 15 % / 725 mA	≤ 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 + Black	White	White + Black	White + Black	White + Black	Dark graphite
"Index of Protection"	IP67	IP66	IP66	IP67	IP67	IP67	30 °C ... 60 °C	30 °C ... 60 °C	30 °C ... 60 °C	30 °C ... 60 °C	30 °C ... 60 °C	30 °C ... 60 °C	30 °C ... 60 °C
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	-30 °C ... 60 °C	-30 °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	0.94 kg	0.86 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	2 years	2 years	2 years	2 years	2 years	2 years	2 years

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