

	AHD, HD-CVI, HD-TVI, CVBS CAMERA APTL1, H527CV1-2812W, 8.3 Mpx, 4K UHD 2.8 ... 12 mm	AHD, HD-CVI, HD-TVI, CVBS CAMERA APTL1, H527CV1-2812W, 8.3 Mpx, 4K UHD 2.8 ... 12 mm	AHD, HD-CVI, HD-TVI, PAL, VANDAL-PROOF CAMERA HAD-HBW1500R-2712-S2, 5 Mpx, 2.7 ... 12 mm - MOTIZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL, CAMERA HAC-HDW1500T-Z, 4.27133-S2, 5 Mpx, 2.7 ... 12 mm - MOTIZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL, CAMERA HAC-HDW1801T-Z, 4.27133-S2-DIP, 1080p, 2.7 ... 13.5 mm - MOTIZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL, CAMERA HAC-HDW2411T-Z, 4.27133-S2-DIP, 1080p, 2.7 ... 13.5 mm - MOTIZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL, CAMERA HAC-HDW2501T-Z, 4.27133-S2, 5 Mpx, 2.7 ... 13.5 mm - MOTIZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL, CAMERA HAC-HDW2802T-Z, 2.7121, 1080p, 2.7 ... 17 mm - MOTIZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL, CAMERA HAC-TJA1L, 2.7121, 1080p, 2.7 ... 17 mm - MOTIZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL, CAMERA BCS-EA8HYWBV6, 8.3 Mpx, 2.7 ... 13.5 mm - MOTIZOOM	AHD, HD-CVI, HD-TVI, PAL, CAMERA BCS, 8 Mpx, 2.7 ... 13.5 mm - MOTIZOOM
											
	59.18 EUR 59.18 EUR	74.07 EUR 74.07 EUR	138.16 EUR 138.16 EUR	138.16 EUR 138.16 EUR	202.58 EUR 202.58 EUR	197.33 EUR 197.33 EUR	213.80 EUR 213.80 EUR	316.16 EUR 316.16 EUR	103.08 EUR 103.08 EUR	127.66 EUR 127.66 EUR	127.66 EUR 127.66 EUR
Standard	AHD, HD-CVI, HD-TVI, CVBS	AHD, HD-CVI, HD-TVI, CVBS	AHD / HD-CVI / HD-TVI / CVBS	AHD, HD-CVI, HD-TVI, CVBS	AHD, HD-CVI, HD-TVI, CVBS	AHD, HD-CVI, HD-TVI, PAL	AHD, HD-CVI, HD-TVI, PAL	AHD, HD-CVI, HD-TVI, CVBS	AHD, HD-CVI, HD-TVI, CVBS	AHD, HD-CVI, HD-TVI, CVBS	AHD, HD-CVI, HD-TVI, CVBS
Sensor	1/2.5" Sony CMOS	1/2.5" Sony CMOS	1/2.7" SONY Starvis™ Back illuminated CMOS	1/2.7" Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Matrix size	8.3 Mpx	8.3 Mpx	8.3 Mpx	5 Mpx	8.3 Mpx	2.1 Mpx	5 Mpx	8 Mpx	2.1 Mpx	8.3 Mpx	8 Mpx
IR illuminator support	—	—	—	ICR - Movable InfraRed filter	—	ICR - Movable InfraRed filter	—	—	ICR - Movable InfraRed filter	ICR - Movable InfraRed filter	ICR - Movable InfraRed filter
Resolution	• 3840 x 2160 - 8.3 Mpx, 4K UHD @ AHD, 15 fps, 3840 x 2160 - 8.3 Mpx, 4K UHD @ AHD / HD-CVI / HD-TVI @ 12.5 fps, 15 fps • 2592 x 1944 - 5 Mpx @ AHD / HD-TVI @ 12.5 fps, 20 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 • 960 x 576 - 960H @ PAL	3840 x 2160 - 8.3 Mpx, 4K UHD @ AHD, 15 fps, 3840 x 2160 - 8.3 Mpx, 4K UHD @ AHD / HD-CVI / HD-TVI @ 12.5 fps, 15 fps • 2592 x 1944 - 5 Mpx @ AHD / HD-TVI @ 12.5 fps, 20 fps • 2560 x 1440 - 4 Mpx @ AHD, 30 fps / 25 fps / 15 fps • 2560 x 1440 - 4 Mpx @ HD-TVI / HD-CVI @ 25 fps, 30 fps • 1920 x 1080 - 1080p @ AHD / HD-TVI / HD-CVI @ 25 fps, 30 fps • 960 x 576 - 960H @ PAL	2880 x 1620 - 5 Mpx @ 25 fps - HD-CVI only : Aspect Ratio 16 : 9 • 2560 x 1440 - 3.7 Mpx @ 25 fps, 1920 x 1080 - 1080p @ 25 fps - HD-CVI only, 960 x 576 - 960H, PAL	2880 x 1620 - 5 Mpx, HD-CVI only : Aspect Ratio 16 : 9 • HD-CVI : 2880 x 1620 - 5 Mpx 2560 x 1440 - 3.7 Mpx • CVBS : 960 x 576 - 960H	• AHD / HD-CVI / HD-TVI : 3840 x 2160 - 8.3 Mpx, 4K UHD • HD-CVI : 2880 x 1620 - 5 Mpx 2560 x 1440 - 3.7 Mpx • CVBS : 960 x 576 - 960H	1920 x 1080 - 1080p 960 x 576 - 960H, PAL	2880 x 1620 - 5 Mpx - HD-CVI only : Aspect Ratio 16 : 9, 2560 x 1440 - 3.7 Mpx, 1920 x 1080 - 1080p - HD-CVI only, 960 x 576 - 960H, PAL	• HD-CVI : 3840 x 2160 - 8.3 Mpx, 4K UHD 2880 x 1920 - 6 Mpx ; 2560 x 1440 - 3.7 Mpx ; 1280 x 720 - 720p • AHD / HD-TVI : 2592 x 1944 - 5 Mpx, 2560 x 1440 - 3.7 Mpx • CVBS : 960 x 576 - 960H	• AHD / HD-CVI / HD-TVI : 3840 x 2160 - 8.3 Mpx, 4K UHD 2592 x 1944 - 5 Mpx / 25 fps 2560 x 1440 - 4 Mpx / 25 fps 1920 x 1080 - 1080p / 25 fps • CVBS : 960 x 576 - 960H	• AHD / HD-CVI / HD-TVI : 3840 x 2160 - 8 Mpx / 15 fps 2592 x 1944 - 5 Mpx / 25 fps 2560 x 1440 - 4 Mpx / 25 fps 1920 x 1080 - 1080p / 25 fps • CVBS : 960 x 576 - 960H	• AHD / HD-CVI / HD-TVI : 3840 x 2160 - 8 Mpx / 15 fps 2592 x 1944 - 5 Mpx / 25 fps 2560 x 1440 - 4 Mpx / 25 fps 1920 x 1080 - 1080p / 25 fps • CVBS : 960 x 576 - 960H
Range of IR illumination	30 m	30 m	30 m	60 m	60 m	60 m	60 m	60 m	40 m	60 m	60 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 • Audio support via coaxial cable - HD-CVI only	• Microphone built-in - HD-CVI only, • External microphone input - HD-CVI only	—	• Microphone built-in - HD-CVI only	• Microphone built-in
IR illuminator power adjustment	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
SN ratio	≥ 50 dB	≥ 50 dB	> 65 dB	> 65 dB	> 65 dB	> 65 dB	> 65 dB	> 65 dB	> 65 dB	> 65 dB	> 65 dB
Lens	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 - The camera does not have auto-focus function	2.7 ... 13.5 mm - Motizoom, AutoFocus	2.7 ... 13.5 mm - Motizoom	2.7 ... 13.5 mm - Motizoom	3.7 ... 11 mm - Motizoom	2.7 ... 12 mm - Motizoom - The camera does not have auto-focus function	2.7 ... 13.5 mm - Motizoom - AutoFocus	2.7 ... 13.5 mm - Motizoom
View angle	• 92° ... 27° (manufacturer data) • 94° ... 37° (our tests result)	• 87° ... 24° (manufacturer data) • 85° ... 34° (our tests result)	• 107° ... 34° (manufacturer data) • 102° ... 35° @ HD-CVI (our tests result) • 88° ... 30° @ AHD / HD-TVI (our tests result)	• 107° ... 34° (manufacturer data) • 102° ... 34° (our tests result)	• 114° ... 32° (manufacturer data) • 110° ... 31° (our tests result)	• 108° ... 30° (manufacturer data) • 102° ... 31° (our tests result)	• 113° ... 31° (manufacturer data) • 110° ... 32° @ HD-CVI, 94° ... 29° @ AHD, HD-TVI (our tests result)	• 112° ... 46° (manufacturer data) • 105° ... 46° (our tests result)	• 102° ... 33° (manufacturer data) • 100° ... 34° (our tests result)	• 105° ... 33° (manufacturer data) • 96° ... 33° (our tests result)	114° ... 32°
Video output	1 Vpp 75 Ω AHD / HD-CVI / HD-TVI / PAL - selectable by switch	1 Vpp 75 Ω AHD / HD-CVI / HD-TVI / CVBS - selectable by switch	AHD / HD-CVI / HD-TVI / PAL - 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	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 • 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 • 2D-DNR - Digital Noise Reduction • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Privacy zones - max. 8 • Mirror - Mirror image	• Motizoom lens - The control possible only from Dahua recorders in HD-CVI mode • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC/HLC - Back Light / High Light Compensation • ICR - Movable InfraRed filter • Auto White Balance • AGC - Automatic Gain Control • Privacy zones - max. 8 • Sharpness - sharper image outlines	• Motizoom lens - The control possible only from Dahua recorders in HD-CVI mode • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • Auto White Balance • Mirror - Mirror image • Sharpness - sharper image outlines • Privacy zones - max. 8	• Motizoom lens - The control possible only from Dahua recorders in HD-CVI mode • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • ICR - Movable InfraRed filter • Auto White Balance • Mirror - Mirror image • Sharpness - sharper image outlines • Privacy zones - max. 8	• Motizoom lens - The control possible only from Dahua recorders in HD-CVI mode • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • ICR - Movable InfraRed filter • Auto White Balance • F-DNR (Defog) - Reduction of image noise caused by precipitation • AGC - Automatic Gain Control • Mirror - Mirror image • Sharpness - sharper image outlines • Privacy zones - max. 8	• Motizoom lens - The control possible only from Dahua recorders in HD-CVI mode • WDR - 120 dB - Wide Dynamic Range • 2D-DNR - Digital Noise Reduction • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC/HLC - Back Light / High Light Compensation • ICR - Movable InfraRed filter • Auto White Balance • AGC - Automatic Gain Control • Mirror - Mirror image • Sharpness - sharper image outlines	• Motizoom lens • WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC/HLC - Back Light / High Light Compensation • Day/Night mode • ICR - Movable InfraRed filter • Auto White Balance • AGC - Automatic Gain Control • Mirror - Mirror image • Sharpness - sharper image outlines	• Motizoom lens • WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC/HLC - Back Light / High Light Compensation • Day/Night mode • ICR - Movable InfraRed filter • Auto White Balance • AGC - Automatic Gain Control • Mirror - Mirror image • Sharpness - sharper image outlines	• Motizoom lens • WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC/HLC - Back Light / High Light Compensation • Day/Night mode • ICR - Movable InfraRed filter • Auto White Balance • AGC - Automatic Gain Control • Mirror - Mirror image • Sharpness - sharper image outlines
OSD menu	✓	✓	OSD menu available via DAHUA recorder	OSD menu available via DAHUA recorder	OSD menu available via DAHUA recorder	OSD menu available via DAHUA recorder	OSD menu available via DAHUA recorder	OSD menu available via DAHUA recorder	OSD menu available via DAHUA recorder	OSD menu available via recorder	OSD menu available via recorder
Housing	Dome - Metal	Dome - Metal	Dome, Metal	Dome, Aluminum	Dome, Metal	Dome, Aluminum	Dome, Aluminum	Dome, Aluminum	Dome, Aluminum + Plastic	Dome, Metal	Dome, Metal
Color	White	White	White	White	White	White	White	White	White	White	White
Vandal-proof	—	—	IK10	—	—	—	—	—	—	—	—
"Index of Protection"	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Power supply	12 V DC / 390 mA	12 V DC / 750 mA	12 V DC / 460 mA	12 V DC / 550 mA	12 V DC / 660 mA	12 V DC / 540 mA	12 V DC / 660 mA	12 V DC / 800 mA	12 V DC / 550 mA	12 V DC / 660 mA	12 V DC / 660 mA
Power consumption	≤ 4.7 W	≤ 9 W	≤ 5.3 W	≤ 6.6 W	≤ 7.9 W	≤ 6.4 W	≤ 7.9 W	≤ 9.3 W	≤ 6.6 W	≤ 8 W	≤ 8 W
Operation temp.	-20 °C ... 50 °C	-10 °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	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C
Weight	0.56 kg	0.56 kg	0.44 kg	0.57 kg	0.59 kg	0.6 kg	0.6 kg	0.61 kg	0.38 kg	0.6 kg	0.6 kg
Dimensions	Ø 120 x 83 mm	Ø 120 x 98 mm	Ø 122 x 89 mm	Ø 122 x 104 mm	Ø 122 x 105 mm	Ø 122 x 105 mm	Ø 122 x 105 mm	Ø 122 x 107 mm	Ø 122 x 107 mm	Ø 122 x 104 mm	Ø 122 x 104 mm
Supported languages	Polish, English, French, Spanish, Portuguese, Russian, Italian	English, Spanish, Portuguese	—	—	—	—	—	—	—	—	—
Manufacturer / Brand	APTI	APTI	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	BCS UNIVERSAL	BCS UNIVERSAL
Guarantee	2 years	2 years	3 years	3 years	3 years	5 years	5 years	5 years	3 years	3 years	3 years

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