

	AHD, HD-CVI, HD-TVI CAMERA APT1-H50V2-28W, 1.2Mpx / 5Mpx 2.8 mm, 2.8 mm	AHD, HD-CVI, HD-TVI CAMERA APT1, H50V21-54V, 1.2Mpx / 5Mpx, 2.8 mm	AHD, HD-CVI, HD-TVI, CVBS CAMERA HAC-HDW1239T-A, LED-02608-S2 Full Color - 1080p 3.6 mm, DAHUA	AHD, HD-CVI, HD-TVI, PAL CAMERA HAC-HDW1500T-CL-IL, A-02608-S2, 1.2 Mpx 2.8 mm, 2.8 mm, DAHUA	AHD, HD-CVI, HD-TVI, CVBS CAMERA HAC-HDW1509T-A, LED-02608-S2 Full Color - 5 Mpx 3.6 mm, DAHUA	AHD, HD-CVI, HD-TVI, CVBS CAMERA HAC-HDW1509T-IL, A-02608-S2, 1.2 Mpx 2.8 mm, 2.8 mm, DAHUA	AHD, HD-CVI, HD-TVI, CVBS CAMERA HAC-HDW1809T-A, LED-02608-S2 Full Color - 1080p 3.6 mm, DAHUA	AHD, HD-CVI, HD-TVI, CVBS CAMERA HAC-HFW1200T-CL-IL, A-02608-S2, 1.080p 3.6 mm, 3.6 mm, DAHUA	AHD, HD-CVI, HD-TVI, CVBS CAMERA HAC-HFW1239TIL-M-A, LED-027135-S2 Full Color - 1080p 2.8 mm 3.6 mm, DAHUA	AHD, HD-CVI, HD-TVI, CVBS CAMERA HAC-HFW1239TIL-Z-A, LED-027135-S2 Full Color - 1080p 2.8 mm 3.6 mm, DAHUA	AHD, HD-CVI, HD-TVI, CVBS CAMERA HAC-HFW1500T-IL, LED-02608-S2 Full Color - 5 Mpx 3.6 mm, DAHUA	AHD, HD-CVI, HD-TVI, CVBS CAMERA HAC-HFW1509TIL-M-A, LED-02608-S2 Full Color - 5 Mpx 3.6 mm, DAHUA	AHD, HD-CVI, HD-TVI, CVBS CAMERA HAC-HFW1809TIL-M-A, LED-02608-S2 Full Color - 5 Mpx 3.6 mm, DAHUA	AHD, HD-CVI, HD-TVI, CVBS CAMERA HAC-ME1509TH-A, TV-02608-S2, 1.080p 3.6 mm, 3.6 mm, DAHUA
														
Standard	29.83 EUR 29.83 EUR	35.18 EUR 35.18 EUR	62.97 EUR 62.97 EUR	77.43 EUR 77.43 EUR	116.63 EUR 116.63 EUR	149.37 EUR 149.37 EUR	170.40 EUR 170.40 EUR	60.94 EUR 60.94 EUR	87.95 EUR 87.95 EUR	178.86 EUR 178.86 EUR	77.43 EUR 77.43 EUR	111.61 EUR 111.61 EUR	170.40 EUR 170.40 EUR	178.72 EUR 178.72 EUR
	AHD, HD-CVI, HD-TVI	AHD, HD-CVI, HD-TVI	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, 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, CVBS	AHD, HD-CVI, HD-TVI, CVBS
Sensor	1/3 " Progressive Scan CMOS	1/3 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS	1/2.8 " CMOS	1/2.8 " Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS
Matrix size	5 Mpx	5 Mpx	2.1 Mpx	5 Mpx	5 Mpx	5 Mpx	8.3 Mpx, 4K UHD	2.1 Mpx	2.1 Mpx	2.1 Mpx	5 Mpx	5 Mpx	8.3 Mpx	5 Mpx
Resolution	• 2592 x 1944 - 5 Mpx - AHD / HD-TVI • 2560 x 1440 - 3.7 Mpx @ AHD / HD-CVI / HD-TVI • 1920 x 1080 - 1080p @ AHD / HD-CVI / HD-TVI	• 2592 x 1944 - 5 Mpx - AHD / HD-TVI • 2560 x 1440 - 3.7 Mpx @ AHD / HD-CVI / HD-TVI • 1920 x 1080 - 1080p @ AHD / HD-CVI / HD-TVI	1820 x 1080 - 1080p, 960 x 576 - 960H, CVBS	• 2880 x 1620 - 5 Mpx @ HD-CVI @ 25 fps - Aspect Ratio 16 : 9, • 2560 x 1440 - 3.7 Mpx @ HD-TVI / AHD @ 25 fps, • 1920 x 1080 - 1080p @ HD-CVI @ 25 fps, • 1920 x 1080 - 1080p @ HD-CVI @ 25 fps, • 960 x 576 - 960H @ PAL @ 25 fps	• 2880 x 1620 - 5 Mpx @ HD-CVI @ 25 fps - Aspect Ratio 16 : 9, • 2560 x 1440 - 4 Mpx @ AHD / HD-CVI / 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	• 2880 x 1620 - 5 Mpx @ HD-CVI @ 25 fps - Aspect Ratio 16 : 9, • 2560 x 1440 - 4 Mpx @ AHD / HD-CVI / HD-TVI @ 25 fps, • 1920 x 1080 - 1080p @ AHD / HD-CVI / HD-TVI @ 25 fps, • 960 x 576 - 960H @ PAL	• 3840 x 2160 - 8.3 Mpx @ AHD / HD-CVI / HD-TVI @ 15 fps, • 2880 x 1620 - 5 Mpx @ AHD / HD-CVI / HD-TVI @ 25 fps, • 2560 x 1440 - 4 Mpx @ HD-CVI @ 25 fps, • 1920 x 1080 - 1080p @ AHD / HD-CVI / HD-TVI @ 25 fps, • 960 x 576 - 960H @ PAL	• 3840 x 2160 - 8.3 Mpx @ AHD / HD-CVI / HD-TVI @ 15 fps, • 2880 x 1620 - 5 Mpx @ AHD / HD-CVI / HD-TVI @ 25 fps, • 2560 x 1440 - 4 Mpx @ AHD / HD-CVI / HD-TVI @ 25 fps, • 1920 x 1080 - 1080p @ AHD / HD-CVI / HD-TVI @ 25 fps, • 960 x 576 - 960H @ PAL	• 1920 x 1080 - 1080p @ AHD / HD-CVI / HD-TVI @ 25 fps, • 960 x 576 - 960H @ PAL	• 2592 x 1944 - 5 Mpx @ AHD / HD-CVI / HD-TVI @ 20 fps - Aspect Ratio 16 : 9, • 2560 x 1440 - 4 Mpx @ AHD / HD-CVI / HD-TVI @ 25 fps, • 1920 x 1080 - 1080p @ 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-CVI / HD-TVI @ 25 fps, • 1920 x 1080 - 1080p @ HD-CVI @ 25 fps, • 960 x 576 - 960H @ PAL	• 2592 x 1944 - 5 Mpx @ AHD / HD-CVI / HD-TVI @ 20 fps - Aspect Ratio 16 : 9, • 2880 x 1620 - 5 Mpx @ AHD / HD-CVI / HD-TVI @ 20 fps - Aspect Ratio 16 : 9, • 2560 x 1440 - 4 Mpx @ AHD / HD-CVI / 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 @ AHD / HD-CVI / HD-TVI @ 15 fps, • 2880 x 1620 - 5 Mpx @ AHD / HD-CVI / HD-TVI @ 20 fps - Aspect Ratio 16 : 9, • 2560 x 1440 - 3.7 Mpx @ AHD / HD-CVI / HD-TVI @ 25 fps, • 1920 x 1080 - 1080p @ AHD / HD-CVI / HD-TVI @ 25 fps, • 960 x 576 - 960H @ PAL	• 2880 x 1620 - 5 Mpx @ HD-CVI @ 25 fps - Aspect Ratio 16 : 9, • 2560 x 1440 - 3.7 Mpx @ AHD / HD-CVI / HD-TVI @ 25 fps, • 1920 x 1080 - 1080p @ AHD / HD-CVI / HD-TVI @ 25 fps, • 960 x 576 - 960H @ PAL
Less	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm	3.6 mm	3.6 mm	3.6 mm	2.7 ... 13.5 mm	3.6 mm	3.6 mm	3.6 mm
Range of IR illumination	20 m	20 m	20 m	20 m	40 m	40 m	40 m	20 m	20 m	20 m	40 m	40 m	40 m	40 m
View angle	• 91° (manufacturer data) • 92° (our tests result)	91°	• 107° (manufacturer data) • 101° (our tests result)	• 106° (manufacturer data) • 107° (our tests result)	• 112° (manufacturer data) • 107° (our tests result)	• 111° (manufacturer data) • 107° (our tests result)	• 106° (manufacturer data) • 101° (our tests result)	• 83° (manufacturer data) • 82° (our tests result)	• 86° (manufacturer data) • 82° (our tests result)	• 107° - 34° (manufacturer data) • 105° - 35° (our tests result)	• 92° (manufacturer data) • 89° (our tests result)	• 83° (manufacturer data) • 81° (our tests result)	• 85° (manufacturer data) • 81° (our tests result)	• 84° (our tests result)
White light LED illuminator range	25 m	25 m	40 m	20 m	40 m	40 m	40 m	20 m	40 m	60 m	20 m	40 m	40 m	40 m
IR illuminator power adjustment				Automatic										
Video output	AHD / HD-CVI / HD-TVI, 1 Vpp / 75 Ω	AHD / HD-CVI / 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	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	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω
Alarm inputs / outputs														0 / 1
Audio	—	—	• Microphone built-in, • Audio support via coaxial cable - HD-CVI only	• Microphone built-in, • Audio support via coaxial cable - HD-CVI only	• Microphone built-in, • Audio support via coaxial cable - HD-CVI only	• Microphone built-in, • Audio support via coaxial cable - HD-CVI only	• Microphone built-in, • Audio support via coaxial cable - HD-CVI only	• Microphone built-in, • Audio support via coaxial cable - HD-CVI only	• Microphone built-in, • Audio support via coaxial cable - HD-CVI only	• Microphone built-in, • Audio support via coaxial cable - HD-CVI only	• Microphone built-in, • Audio support via coaxial cable - HD-CVI only	• Microphone built-in, • Audio support via coaxial cable - HD-CVI only	• Microphone built-in, • Audio support via coaxial cable - HD-CVI only	• Microphone built-in, • Audio support via coaxial cable - HD-CVI only • Speaker built-in / Alarm siren
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 DAHUA recorder	OSD menu available via DAHUA recorder	OSD menu available via DAHUA recorder	OSD menu available via DAHUA recorder
Main features	• Possibility to turn off the LED illuminator • Automatic LED light intensity adjustment • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • Sharpness - sharper image outlines • AGC - Automatic Gain Control • Auto White Balance • Motion Detection • Configurable Privacy Zones • Mirror - Mirror image	• Possibility to turn off the LED illuminator • Automatic LED light intensity adjustment • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC - Back Light Compensation • Sharpness - sharper image outlines • AGC - Automatic Gain Control • Mirror - Mirror image • Auto White Balance • Motion Detection	• Possibility to turn off the LED illuminator • WDR - 130 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • Sharpness - sharper image outlines • AGC - Automatic Gain Control • Mirror - Mirror image • Privacy zones - max. 8 • Motion Detection	• Smart Dual Illumination technology - IR or LED illuminator works in night mode. White light will turn on automatically only when an object is detected in the monitored area, which effectively improves image quality • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • BLC/HLC - Back Light / High Light Compensation • Privacy zones - max. 8 • Mirror - Mirror image • Sharpness - sharper image outlines	• Possibility to turn off the LED illuminator • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Privacy zones - max. 8 • Sharpness - sharper image outlines	• Possibility to turn off the LED illuminator • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Privacy zones - max. 8 • Sharpness - sharper image outlines	• Possibility to turn off the LED illuminator • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Privacy zones - max. 8 • Sharpness - sharper image outlines	• Smart Dual Illumination technology - IR or LED illuminator works in night mode. White light will turn on automatically only when an object is detected in the monitored area, which effectively improves image quality • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Mirror - Mirror image • Sharpness - sharper image outlines • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Privacy zones - max. 8 • Mirror - Mirror image • Auto White Balance • Sharpness - sharper image outlines	• Possibility to turn off the LED illuminator • WDR - 130 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Mirror - Mirror image • Privacy zones - max. 8 • Sharpness - sharper image outlines	• Possibility to turn off the LED illuminator • WDR - 130 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Mirror - Mirror image • Privacy zones - max. 8 • Sharpness - sharper image outlines	• Smart Dual Illumination technology - IR or LED illuminator works in night mode. White light will turn on automatically only when an object is detected in the monitored area, which effectively improves image quality • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Mirror - Mirror image • Privacy zones - max. 8 • Sharpness - sharper image outlines	• Possibility to turn off the LED illuminator • WDR - 130 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Mirror - Mirror image • Privacy zones - max. 8 • Sharpness - sharper image outlines	• Possibility to turn off the LED illuminator • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Mirror - Mirror image • Privacy zones - max. 8 • Sharpness - sharper image outlines • Active deterrence function. Alternately flashing LEDs: red and blue - frequency configuration, Siren sound - 3 volume levels • Possibility to turn off the LED illuminator • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • F-DNR (Defog) - Reduction of image noise caused by precipitation • F-DNR - Digital Noise Reduction • AGC - Automatic Gain Control • Privacy zones - max. 8 • Sharpness - sharper image outlines	• Active deterrence function. Alternately flashing LEDs: red and blue - frequency configuration, Siren sound - 3 volume levels • Possibility to turn off the LED illuminator • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • F-DNR (Defog) - Reduction of image noise caused by precipitation • F-DNR - Digital Noise Reduction • AGC - Automatic Gain Control • Privacy zones - max. 8 • Sharpness - sharper image outlines
Index of Protection	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Power supply	12 V DC / 270 mA	12 V DC / 250 mA	12 V DC / 350 mA	12 V DC / 380 mA	12 V DC / 540 mA	12 V DC / 480 mA	12 V DC / 570 mA	12 V DC / 220 mA	12 V DC / 350 mA	12 V DC / 850 mA	12 V DC / 380 mA	12 V DC / 420 mA	12 V DC / 580 mA	12 V DC / 870 mA
Power consumption	≤ 3.2 W	≤ 3 W	≤ 5.1 W	≤ 4.5 W	≤ 5.7 W	≤ 6.4 W	≤ 6.9 W	≤ 2.6 W	≤ 4.2 W	≤ 10.2 W	≤ 4.5 W	≤ 5 W	≤ 6.9 W	≤ 10.5 W
Housing	Dome, Aluminum + Plastic	Dome, Metal	Dome, Aluminum	Dome, Plastic	Dome, Metal	Dome, Metal	Dome, Metal	Compact, Plastic	Dome, Metal + Plastic	Compact, Metal	Compact, Plastic	Compact, Plastic + Metal	Compact, Plastic + Metal	Compact, Plastic + Metal
Vandal-proof	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Color	White	White	White	White	White	White	White + Black	White + Black	White + Black	White	White + Black	White + Black	White + Black	White + Black
Operation temp	-20 °C ... 60 °C	-20 °C ... 60 °C	-40 °C ... 60 °C	-40 °C ... 60 °C	-40 °C ... 60 °C	-40 °C ... 60 °C	-40 °C ... 60 °C	-40 °C ... 60 °C	-40 °C ... 60 °C	-40 °C ... 60 °C	-40 °C ... 60 °C	-40 °C ... 60 °C	-40 °C ... 60 °C	-40 °C ... 60 °C
Weight	0.36 kg	0.42 kg	0.45 kg	0.21 kg	0.46 kg	0.5 kg	0.49 kg	0.18 kg	0.29 kg	0.78 kg	0.18 kg	0.33 kg	0.53 kg	0.41 kg
Dimensions	Ø 109 x 93 mm	Ø 97 x 91 mm	Ø 106 x 94 mm	Ø 97 x 94 mm	Ø 106 x 94 mm	Ø 106 x 94 mm	Ø 106 x 94 mm	163 x 70 x 70 mm	198 x 80 x 76 mm	244 x 91 x 91 mm	163 x 70 x 70 mm	198 x 80 x 76 mm	198 x 80 x 76 mm	241 x 91 x 91 mm
Manufacturer / Brand	APTI	APTI	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA
Guarantee	2 years	2 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years