

	AHD, HD-CVI, HD-TVI, PAL CAMERA APTI-H14MP-37 PINHOLE - 720p, 3.7 mm	AHD, HD-CVI, HD-TVI, PAL CAMERA APTI-H20YS PINHOLE - 1080p, 3.7 mm	AHD, HD-CVI, HD-TVI, PAL CAMERA APTI-H20YS1 PINHOLE - 1080p, 3.7 mm	AHD, HD-CVI, HD-TVI, PAL CAMERA APTI-H24M-36 - 1080p 4 mm	AHD, HD-CVI, HD-TVI, PAL CAMERA HAC-HUM3201B- P-0280B-S2 PINHOLE - 1080p 2.8 mm DAHUA
					
	45.02 EUR 45.02 EUR	32.81 EUR 32.81 EUR	33.96 EUR 33.96 EUR	40.06 EUR 40.06 EUR	124.95 EUR 124.95 EUR
Standard	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	1/3 " Sony CMOS IMX222	1/2.9 " Sony CMOS IMX323	1/2.9 " Sony CMOS IMX323	1/2.8 " Sony CMOS - STARVIS Back-illuminated	1/2.8 " Progressive Scan CMOS
Digital Image Processor	HTC960E	...	...	...	...
Matrix size	...	...	...	2.1 Mpx	2.1 Mpx
IR illuminator	...	...	✓	...	...
Resolution	1280 x 720 - 720p AHD-M / HD-CVI / HD-TVI , 960 x 576 - 960H PAL	1920 x 1080 - 1080p AHD / HD-CVI / HD-TVI , 960 x 576 - 960H PAL	1920 x 1080 - 1080p AHD / HD-CVI / HD-TVI , 960 x 576 - 960H PAL	• 1920 x 1080 - 1080p, AHD / HD-CVI / HD-TVI, • 1280 x 720 - 720p / AHD / HD-CVI / HD-TVI, • 960 x 576 - 960H, PAL	1920 x 1080 - 1080p 1280 x 720 - 720p 960 x 576 - 960H
Lens	3.7 mm (pinhole)	3.7 mm (pinhole)	3.7 mm (pinhole)	4 mm	2.8 mm (pinhole), F2.4
View angle	• 66 ° (manufacturer data) • 60 ° (our tests result)	• 76 ° (manufacturer data) • 66 ° (our tests result)	• 76 ° (manufacturer data) • 66 ° (our tests result)	• 72 ° (manufacturer data) • 80 ° (our tests result)	103 °
Min. illumination	0.01 Lux	...	...	0.001 Lux	0.004 Lux (color) , 0.0004 Lux (B/W)
Video output	1 Vpp / 75 Ω - AHD-M, HD-CVI, HD-TVI, PAL	1 Vpp / 75 Ω - AHD, HD-CVI, HD-TVI, PAL	1 Vpp / 75 Ω - AHD, HD-CVI, HD-TVI, PAL	1 Vpp / 75 Ω - AHD / HD-CVI / HD-TVI / PAL	1 Vpp / 75 Ω - AHD / HD-CVI / HD-TVI / CVBS
Audio	—	• Microphone built-in • Audio output - Cinch socket	• Microphone built-in • Audio output - Cinch socket	—	• Audio input - RCA (CINCH) • Audio output - BNC socket • HD-CVI only
Main features	• DNR - Digital Noise Reduction • BLC - Back Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Sharpness - sharper image outlines	• D-WDR - Wide Dynamic Range • 2D-DNR - Digital Noise Reduction • Sense-UP - (Slow Shutter) - Increase the sensor sensitivity • BLC - Back Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Sharpness - sharper image outlines	• D-WDR - Wide Dynamic Range • 2D-DNR - Digital Noise Reduction • Sense-UP - (Slow Shutter) - Increase the sensor sensitivity • BLC - Back Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Sharpness - sharper image outlines	• WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC - configurable Back Light Compensation • White Balance - ATW/Manual • AGC - Automatic Gain Control • Sharpness - sharper image outlines • Day/Night mode (color/b&w/auto)	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • Day/night mode • ICR - Movable InfraRed filter • D-ZOOM - Digital Zoom - 4x • AGC - Automatic Gain Control • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • Auto White Balance • Mirror - Mirror image • Privacy zones • Length of the cable : 2.8 m
OSD menu	✓	✓	✓	✓	OSD menu available via DAHUA recorder
Housing	Mini, Metal	Mini, Plastic	Mini, Plastic	Mini, Metal	Mini, Aluminum
Color	Black	Black	Black	Black	Black
Application	The camera is designed for indoor use, due to the possibility of steam condensation.	For indoor use	The camera is designed for indoor use, due to the possibility of steam condensation.	The camera is designed for indoor use, due to the possibility of steam condensation.	The camera is designed for indoor use, due to the possibility of steam condensation.
Power supply	12 V DC / 90 mA	12 V DC / 70 mA	12 V DC / 70 mA	12 V DC / 120 mA	12 V DC / 180 mA
Power consumption	≤ 1.1 W	≤ 0.9 W	≤ 0.9 W	...	≤ 2.11 W
Operation temp	-10 °C ... 50 °C	-20 °C ... 50 °C	-20 °C ... 50 °C	-10 °C ... 50 °C	-30 °C ... 60 °C

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Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00

Permissible relative humidity	...	...	...	...	≤ 95%
Weight	0.06 kg	0.06 kg	0.06 kg	0.03 kg	0.04 kg
Dimensions	27 x 24 x 20 mm	66 x 11 x 12 mm	62 x 11 x 12 mm	30 x 30 x 29 mm (without bracket)	44 x 36 x 30 mm
Supported languages	English, Chinese, French, Spanish, Italian	...	...	Polish, English, French, Spanish, Japanese, Portuguese, Russian, Italian	...
Manufacturer / Brand	APTI	APTI	APTI	APTI	DAHUA
Guarantee	2 years	2 years	2 years	2 years	5 years



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