

	AHD, HD-CVI, HD-TVI, CVBS SPEED DOME CAMERA OUTDOOR OMEGA-PTZ-22H4-4 - 1080p 2.8 ... 12 mm	AHD, HD-CVI, HD-TVI, CVBS SPEED DOME CAMERA OUTDOOR OMEGA-PTZ-52H4-4 - 5 Mpx 2.8 ... 12 mm	AHD, HD-CVI, HD-TVI, PAL SPEED DOME CAMERA OUTDOOR SD22204DB-GC - 1080p 2.7 ... 11 mm DAHUA	AHD, HD-CVI, HD-TVI SPEED DOME CAMERA OUTDOOR SD49225DB-HC - 1080p 4.8 ... 120 mm DAHUA	AHD, HD-CVI, HD-TVI, CVBS SPEED DOME CAMERA OUTDOOR DS-2AE7232TI-A(D) - 1080p 4.8 ... 153 mm Hikvision
					
	122.09 EUR 122.09 EUR	139.64 EUR 139.64 EUR	348.14 EUR 348.14 EUR	755.42 EUR 755.42 EUR	1033.45 EUR 1033.45 EUR
Standard	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
Sensor	1/2.9 " Sony CMOS	1/2.9 " Sony CMOS	1/2.8 " Progressive Scan CMOS	1/2.8 " STARVIS™ CMOS	1/2.8 " Progressive Scan CMOS
Matrix size	2.1 Mpx	5 Mpx	2.1 Mpx	2.1 Mpx	2.1 Mpx
Resolution	• AHD, HD-CVI, HD-TVI : 1920 x 1080 px - 1080p • CVBS : 960 x 576 px - 960H	• AHD / HD-TVI : 2592 x 1944 px - 5 Mpx @ 15, 20 fps • AHD / HD-CVI / HD-TVI : 2560 x 1440 px - 4 Mpx @ 25 fps • CVBS : 960 x 576 px - 960H	1920 x 1080 - 1080p 1280 x 720 - 720p 704 x 576 - D1	1920 x 1080 - 1080p 1280 x 720 - 720p	1920 x 1080 - 1080p 960 x 576 - 960H
Range of IR illumination	45 m	60 m	...	100 m	150 m
IR illuminator	...	...	—	...	...
Lens	2.8 ... 12 mm - Motozoom	2.8 ... 12 mm - Motozoom	2.7 ... 11 mm	4.8 ... 120 mm	4.8 ... 153 mm
View angle	• 91 ° ... 28 ° (manufacturer data) • 76 ° ... 30 ° (our tests result)	• 91 ° ... 28 ° (manufacturer data) • 70 ° ... 29 ° (our tests result)	• 99 ° ... 32 ° (manufacturer data) • 79 ° ... 30 ° (our tests result)	• 61 ° ... 3.2 ° (manufacturer data) • 56 ° ... 3.1 ° (our tests result)	• 54 ° ... 2 ° (manufacturer data) • 54 ° ... 2.5 ° (our tests result)
Optical zoom	x 4	x 4	x 4	x 25	x 32
Digital zoom	x 16	x 16	x 16	x 16	x 16
Rotation speed depending on ZOOM level	—	—	✓	✓	✓
Auto IR illuminator	✓	✓	...	Adaptive adjusting of the IR illuminator power to the lens zoom and outdoor light conditions	...
Horizontal rotation range	0 ° ... 355 ° - Rotation of the head is limited by stops	0 ° ... 350 ° - Rotation of the head is limited by stops	0 ... 355 ° - Rotation of the head is limited by stops	360 ° continuous	360 ° continuous
Vertical rotation range	0 ° ... 70 °	0 ° ... 70 °	0 ° ... 90 °	-15 ° ... 90 °	-15 ° ... 90 °
Rotation speed (manual control)	25 °/s (horizontal) , 20 °/s (vertical)	20 °/s (horizontal) , 25 °/s (vertical)	• 0.1 °/s ... 100 °/s (horizontal), • 0.1 °/s ... 60 °/s (vertical)	• 0.1 °/s ... 200 °/s (horizontal), • 0.1 °/s ... 120 °/s (vertical)	0.1 °/s ... 160 °/s (horizontal) , 0.1 °/s ... 120 °/s (vertical)
Preset rotation speed	25 °/s (horizontal) 20 °/s (vertical)	25 °/s (horizontal) 20 °/s (vertical)	• 100 °/s (horizontal) • 60 °/s (vertical)	• 240 °/s (horizontal) • 200 °/s (vertical)	160 °/s (horizontal) 120 °/s (vertical)
PTZ control	Via interface RS-485, Default address : 1, 2400 bps	Via interface RS-485 Default address : 1, 2400 bps	Via interface RS-485 The ability to control via coaxial cable from recorder	Via interface RS-485 The ability to control via coaxial cable from recorder	Via interface RS-485 The ability to control via coaxial cable from recorder HIKVISION
Protocols	Pelco-D, Pelco-P (auto detection)	Pelco-D, Pelco-P (auto detection)	Pelco-D, Pelco-P, DH-SD (auto detection)	Pelco-D, Pelco-P, DH-SD (auto detection)	Pelco-D, Pelco-P (auto detection)
S/N ratio	> 50 dB	> 50 dB	...	> 55 dB	...
Video output	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	1 Vpp / 75 Ω - AHD / HD-CVI / HD-TVI / CVBS
Audio	—	—	—	External microphone input - HD-CVI only	—
Number of presets	220	220	300	300	256
Route settings	8	8	8	8	10
Horizontal scan	—	—	✓	✓	✓

DELTA-OPTI Monika Matysiak / VAT:PL5251295225 / 60-713 Poznań, ul. Graniczna 10
Tel:+48 61 864 69 60 / GSM:+48 607 60 11 66 / Fax:+48 61 864 69 65 / e-mail: info@delta.poznan.pl
Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00

Park action	Calling the preset position after a specified dwell time	Calling the preset position after a specified dwell time	—	...	Call the set function (tour, scan, etc.) after specified dwell time
Alarm inputs / outputs	—	—	—	2 / 1	—
Main features	• ICR - Movable InfraRed filter • 3D-DNR - Digital Noise Reduction • AGC - Automatic Gain Control • Auto White Balance • Sharpness - sharper image outlines	• 3D-DNR - Digital Noise Reduction • AGC - Automatic Gain Control • Auto White Balance • Auto White Balance • ICR - Movable InfraRed filter • 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 • BLC/HLC - Back Light / High Light Compensation • Day/night mode • ICR - Movable InfraRed filter • Auto White Balance • AGC - Automatic Gain Control • Image rotation and mirror • Sharpness - sharper image outlines	• WDR - 120 dB - Wide Dynamic Range • 2D-DNR / 3D-DNR - Digital Noise Reduction • ICR - Movable InfraRed filter • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • Configurable Privacy Zones	• Intelligent 3D Positioning System • WDR ≥ 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • EIS - Electronic Image Stabilization • IR illuminator optimization • BLC/HLC - Back Light / High Light Compensation • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • Auto White Balance • Configurable Privacy Zones
OSD menu	✓	✓	✓	✓	OSD menu available via Hikvision HD-TVI recorder
SAP Code	...	...	...	...	301205314
Power supply	12 V DC / 940 mA	12 V DC / 860 mA	12 V DC / 750 mA	12 V DC / 3 A	24 V AC
Power consumption	≤ 11.3 W	≤ 10.3 W	≤ 9 W	• ≤ 10 W (typical) • 22 W (max)	≤ 40 W
Housing	Speed Dome, Plastic	Speed Dome, Plastic	Speed Dome, Metal	Speed Dome, Metal + Plastic	Speed Dome, Metal
Color	White	White	White	White + Black	White
"Index of Protection"	IP66	IP67	IP66	IP66	IP66
Vandal-proof	—	—	IK10	—	—
Manufacturer / Brand	...	...	DAHUA	DAHUA	Hikvision
Operation temp	-40 °C ... 60 °C	-40 °C ... 60 °C	-30 °C ... 60 °C	-40 °C ... 70 °C	-30 °C ... 65 °C
Weight	0.57 kg	0.57 kg	0.53 kg	3.8 kg (with bracket)	4.5 kg
Dimensions	Ø 111 x 102 mm	Ø 110 x 100 mm	122 x 89 mm	160 x 350 x 255 mm (with bracket)	Ø 220 x 353 mm
Supported languages	English	English	Polish, English	English	Polish, English
Guarantee	2 years	2 years	5 years	5 years	3 years