

	VIDEO SEPARATOR D-SEP2/HD	MICROWAVE RADAR DS-PRI-60 Hikvision	IP SPEED DOME CAMERA OUTDOOR SD8A840-HNF-PA - 8.3 Mpx, 4K UHD, 5.6 ... 223 mm DAHUA	TV OR MONITOR MOUNT AX-FLEXI-SLIM OPTICUM
				
	25.58 PLN 25.58 PLN	10013.00 PLN 10013.00 PLN	18590.00 PLN 18590.00 PLN	22.27 PLN 22.27 PLN
Application	...	Outdoor	...	...
Sensor	...	...	1/1.8 " STARVIS™ CMOS	...
Sensor type	...	Microwave (MW)	...	...
Matrix size	...	...	8.3 Mpx	...
Recommended installation height	...	1.2 m ... 4 m	...	...
Range	...	60 m	...	...
Mounting standard	...	...	...	VESA 75, 100, 200 x 100, 200
Detection angle	...	100 °	...	...
Screen size range	...	...	...	13 " ... 42 "
Sensitivity adjustment	...	Automatic	...	...
Bearing capacity	...	...	...	25 kg
Distance from mounting surface	...	...	...	56 mm - from wall
Standard	<ul style="list-style-type: none"> AHD - 8 Mpx, 4K UHD HD-CVI - 8 Mpx, 4K UHD HD-TVI - 8 Mpx, 4K UHD CVBS - PAL / NTSC 	...	TCP/IP	...
Device type	Passive	...	...	...
Tilt adjustment	...	...	...	-5 ° ... 15 °
Number of inputs	1 pcs BNC socket	...	...	...
Number of outputs	1 pcs BNC plug	...	...	...
Horizontal rotation	...	...	...	-60 ° ... 60 °
Input impedance	75 Ω	...	...	...
Rotation in the plane of the screen	...	...	...	—
Output impedance	75 Ω	...	...	...
Opto-isolation between inputs and outputs	16 V DC	...	...	...
Resolution	...	...	3840 x 2160 - 8.3 Mpx, 4K UHD , 2560 x 1440 - 4 Mpx , 1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p	...
Scanning system	...	...	Progressive	...
Lens	...	...	5.6 ... 223 mm	...
Alarm outputs	...	3 pcs : 0.5 A / 125 V AC 1 pcs : 10 A / 240 V AC	...	...
LED indication	...	✓	...	...
View angle	...	...	63.9 ° ... 2.0 ° (manufacturer data)	...
Microwave frequency band	...	24 GHz	...	...
Pet immunity	...	max. 20 kg	...	...
Antimask feature	...	✓	...	...
Optical zoom	...	...	x 40	...
Digital zoom	...	...	x 16	...
Attenuation	<ul style="list-style-type: none"> 4.43 MHz @ 0.21 dB 11 MHz @ 0.41 dB 21 MHz @ 0.82 dB 38 MHz @ 1.19 dB 42 MHz @ 1.17 dB 67.5 MHz @ 3.46 dB	...	...	...
Target speed range	...	-8.7 ... +8.7 m/s	...	...
Range of IR illumination	...	...	500 m	...
Insertion loss	0.5 dB	...	...	...
S/N ratio	...	...	≥ 55 dB (AGC off)	...
Bandwidth	180 MHz	...	...	...
Video output	...	...	1 Vpp / 75 Ω	...
Preset rotation speed	...	...	<ul style="list-style-type: none"> 240 °/s (horizontal) 120 °/s (vertical) 	...

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

Main features	...	<ul style="list-style-type: none"> • Maximum number of objects to be observed : 32 • Immunity to environmental changes • Creep zone control • Display the position and direction of an object and the path it has traveled through it • Detection of non-standard moving objects (crawling, squatting or kneeling) • Ability to work with up to 4 Speed Dome cameras for automatic tracking of objects detected by the radar • Tamper detection - opening the enclosure, removing from mounting surface • RESET button 	...
Rotation speed (manual control)	...	...	<ul style="list-style-type: none"> • 0.1 °/s ... 240 °/s (horizontal) • 0.1 °/s ... 100 °/s (vertical)
Horizontal rotation range	...	...	360 ° continuous
Vertical rotation range	...	...	-30 ° ... 90 °
Operation temp	-20 °C ... 55 °C	-40 °C ... 65 °C	...
RS-485 interface	...	...	✓
IK rating	...	IK09	...
Protocols	...	...	Pelco-D, Pelco-P, DH-SD Auto detection
Number of presets	...	...	300
Horizontal scan	...	...	✓
Route settings	...	...	8
SAP Code	...	302401144	...
Image compression method	...	...	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Bitrate	...	...	<ul style="list-style-type: none"> • 512 ... 16384 kbps - H.264 • 512 ... 10240 - H.265
Alarm inputs / outputs	...	...	7 / 2
Audio	...	...	<ul style="list-style-type: none"> • 1 Audio input • 1 Audio output • Bi-directional audio streaming support
Main stream frame rate	...	...	1 ... 25 fps - 8 Mpx
Network interface	...	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)
Network protocols	...	HTTP, DNS, NTP, TCP, UDP, DHCP, ARP, SSH	IPv4/IPv6, HTTP, HTTPS, IEEE 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, ARP, RTCP, RTMP
WEB Server	...	...	Built-in, NVR compliance
Max. number of on-line users	...	...	20
ONVIF	...	...	✓
Mobile phones support	...	...	Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none"> • Android: Free application DMSS • iOS (iPhone): Free application DMSS
Default IP address	...	...	192.168.1.108
Default admin user / password	...	...	admin / -
Web browser access ports	...	...	80, 37777
PC client access ports	...	...	37777
Mobile client access ports	...	...	37777
Port ONVIF	...	...	80
RTSP URL	...	...	rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream
Memory card slot	...	...	Micro SD memory cards up to 512GB support (possible local recording)



Main features	...	...	<ul style="list-style-type: none"> • 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 • ROI - improve the quality of selected parts of image • Day/Night mode (color/b&w/auto) • ICR - Movable InfraRed filter • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • Motion Detection • Configurable Privacy Zones - 24 • AGC - Automatic Gain Control • Sharpness - sharper image outlines • Lens wiper remotely controlled via TCP/IP • IVS analysis : Intelligent Object Tracking, crossing the line (tripwire), intrusion, abandoned/missing object, scene changing, Face recognition, metadata support, classification of people and vehicles, Filtering of false alarms based on the recognition of persons and vehicles (tripwire, intrusion) 	...
Power supply	—	<ul style="list-style-type: none"> • 12 V DC / 500 mA • PoE (802.3at) 	<ul style="list-style-type: none"> • Hi-PoE, • 36 V DC / 2.23 A (power adapter included) 	...
Power consumption	...	max. 10 W	<ul style="list-style-type: none"> • 30 W • 48 W (LED IR) 	...
Housing	...	...	Speed Dome Metal	...
Color	...	White	White	Black
Vandal-proof	...	...	—	...
"Index of Protection"	...	IP67	IP67	...
Operation temp	...	...	-40 °C ... 70 °C	...
Weight	0.03 kg	1.84 kg	10 kg (without bracket)	0.8 kg
Dimensions	60 x 28 x 22 mm	228 x 206 x 61 mm	Ø 262 x 416 mm (without bracket)	220 x 220 x 56 mm
Supported languages	...	...	English	...
Manufacturer / Brand	...	Hikvision	DAHUA	OPTICUM
Guarantee	2 years	3 years	5 years	2 years