

	POWER METER WITH LCD DISPLAY OR-WAT-419 ORNQ	IP SPEED DOME CAMERA OUTDOOR, SD5A225GB-HNR - 1080p 4.8 ... 120 mm DAHUA	SHIELDED MODULAR PLUG RJ45/FTP7-HAND	SMART PROXIMITY SWITCH PROXISWITCH-V2/BLEBOX 12 ... 24 V DC	ENGINE OIL OIL-2S-1L/CASTROL FOR 2-STROKE ENGINES	WIRELESS OPTICAL MOUSE UMY-1077-LUGO	FAN SPEED CONTROLLER ER-1
							
	10.42 EUR 10.42 EUR	1134.72 EUR 1134.72 EUR	6.28 EUR 6.28 EUR	13.55 EUR 13.55 EUR	12.00 EUR 12.00 EUR	3.76 EUR 3.76 EUR	5.81 EUR 5.81 EUR
External connector	...	...	...	...	...	...	...
Standard	...	TCP/IP	...	...	...	USB 2.0	...
Application	...	...	...	Non-contact switching on and off	2T	...	...
Device type	Power meter with LCD display	...	...	...	...	...	...
Connector type	...	...	RJ45 (8P8C) - Plug	...	...	...	...
Sensor	...	1/2.8 " STARVIS™ CMOS	...	...	...	...	...
Attachment of connector elements	...	...	Pressing	...	...	...	...
Matrix size	...	2.1 Mpx	...	...	...	...	...
Power measurement	0.1 ... 3680 W	...	...	...	...	...	...
Rated voltage	...	...	...	12 ... 24 V DC	...	...	...
Wire mounting	...	...	Pressing	...	...	...	...
Maximal total load	...	...	...	120 W	...	...	...
Frequency band	...	...	...	...	...	2.4 GHz	...
FAN output max. current consumption	...	...	...	...	...	...	• Thermistor placed on the board : 150 mA • Thermistor placed on the cable : 750 mA
AC voltage measurement	200 ... 276 V	...	...	...	...	...	...
Total maximal current	...	...	...	5 A	...	...	...
Number of inputs	...	...	...	0	...	...	...
Specification	...	...	...	...	API TC ; ISO-L-EGD ; JASO FD	...	...
Maximal current	16 A	...	...	...	...	...	...
Maximal load	3680 W	...	...	...	...	...	...
Number of outputs	...	...	...	1	...	...	...
Supported operating systems	...	...	...	...	...	Windows XP/Vista/7/8/10, Linux	...
Package type	...	...	...	...	1 1	...	...
Connector type	...	...	...	screw terminals	...	...	...
Range of displayed power	0.0 ... 9999 W	...	...	...	...	...	...
Wireless	...	...	...	...	...	...	...
FAN output voltages	...	...	...	...	...	...	25 °C - 6 V 40 °C - 11 V
Range of displayed voltage	0.0 ... 9999 V	...	...	...	...	...	...
Application	...	...	Twisted-pair cable UTP cat. 7, FTP cat. 7 - Wire / Stranded wire - 22 ... 24 AWG	...	...	...	...
Resolution	...	1920 x 1080 - 1080p , 1280 x 960 1.3 Mpx , 1280 x 720 720p	...	...	...	1200 / 1600 / 1800 dpi	...
Range of displayed cumulative electricity	0.000 ... 9999 kWh	...	...	...	...	...	...
Material	...	...	PVC / Metal	...	...	...	...
Lens	...	4.8 ... 120 mm	...	...	...	...	...
Cumulative cost of electricity	0.00 ... 9999 €	...	...	...	...	...	...
Cost electricity setting range	00.00 ... 99.99 €/kWh	...	...	...	...	...	...
View angle	...	• 59 ° ... 2.8 * (manufacturer data) • 56 ° ... 3.4 * (our tests result)	...	...	...	...	...
Optical zoom	...	x 25	...	...	...	...	...
Digital zoom	...	x 16	...	...	...	...	...
Range of IR illumination	...	150 m	...	...	...	...	...
Video output	...	...	...	...	...	...	...
Preset rotation speed	...	• 400 °/s (horizontal) • 300 °/s (vertical)	...	...	...	...	...
Main features	• Operation modes : Power consumption, Voltage, Cumulated amount of electricity, Cumulative cost of electricity, Cost of electricity ( €/kWh ) • Large, readable LCD display • Simple configuration of the cost calculation setting	...	• Very easy and quick assembly • Gold-plated connector prevents the oxidation of contacts • Corrosion resistance • It is compatible with Category 7 • T568A/B compliance	• Operation modes : bistable, bistable + state memory, monostable NO, monostable NC, • Detection range : 3 cm • Trigger time : max. 8 s • Possibility to hide the sensor • Automatic calibration • LED indication	• Fast burning • It is suitable for engines with oil injection as well as those requiring the use of a mixture of fuel and oil	• Number of buttons : 6 • Range : 10 m • DPI adjustment • Automatic sleep mode • Plug & Play • The ergonomic shape	...
Security class	IP20	...	...	...	...	...	...
Socket type	2P+Z, E type	...	...	...	...	...	...
Rotation speed (manual control)	...	• 0.1 °/s ... 300 °/s (horizontal) • 0.1 °/s ... 200 °/s (vertical)	...	...	...	...	...
Operation temp	...	...	...	20 °C ... 50 °C	...	...	...
Horizontal rotation range	...	360 ° - continuous	...	...	...	...	...
Vertical rotation range	...	-15 ° ... 90 °	...	...	...	...	...
RS-485 interface	...	...	...	...	...	...	...
Number of presets	...	300	...	...	...	...	...
Horizontal scan	...	✓	...	...	...	...	...
Route settings	...	8	...	...	...	...	...
Image compression method	...	H.265+ / H.265 / H.264+ / H.264 / MJPEG	...	...	...	...	...
Alarm inputs / outputs	...	2 / 1	...	...	...	...	...
Audio	...	• External microphone input • Audio output • Bi-directional audio streaming support • Audio detection	...	...	...	...	...
Main stream frame rate	...	25 fps @ 1080p	...	...	...	...	...
Network interface	...	10/100 Base-T (RJ-45)	...	...	...	...	...
Network protocols	...	HTTP, HTTPS, IPv4/IPv6, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, IEEE 802.1x, QoS, FTP, UPnP, ICMP, SNMP, SNMPv1/v2c/v3(MIB-2), IGMP, ARP, RTCP, RTP, PPPoE, RTMP, TCP	...	...	...	...	...
WEB Server	...	Built-in	...	...	...	...	...

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Max. number of on-line users	..	20	..	..	..	..	..
ONVIF	..	21.12	..	..	..	..	..
Memory card slot	..	Micro SD memory cards up to 512GB support (possible local recording)	..	..	..	..	..
Mobile phones support	..	Port no.: 37777 or access by a cloud (P2P) • Android: Free application <a href="#">DMSS</a> • iOS (iPhone): Free application <a href="#">DMSS</a>	..	..	..	..	..
Default IP address	..	192.168.1.108	..	..	..	..	..
Default admin user / password	..	admin / The administrator password should be set at the first start	..	..	..	..	..
Web browser access ports	..	80, 37777	..	..	..	..	..
PC client access ports	..	37777	..	..	..	..	..
Mobile client access ports	..	37777	..	..	..	..	..
Port ONVIF	..	80	..	..	..	..	..
RTSP URL	..	rtsp://admin:haso@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 • Main stream rtsp://admin:haso@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 • Sub stream	..	..	..	..	..
Main features	..	<ul style="list-style-type: none"> <li>• Intelligent Object Tracking</li> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 2D-DNR, 3D-DNR - Digital Noise Reduction</li> <li>• EIS - Electronic Image Stabilization</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• SMD 4.0 - searching for an object classified as: human, motor vehicle - increased detection distance and resistance to false alarms</li> <li>• Quick Pick - AI technology enabling, together with the recorder, quick identification of interesting objects (people/vehicles) based on an artificial intelligence algorithm. It allows to extract and compare the colors of clothes and vehicles</li> <li>• BLC - Back Light Compensation</li> <li>• Motion Detection</li> <li>• Privacy zones - max. 24</li> <li>• Day/night mode</li> <li>• ICR - Movable InfraRed filter</li> <li>• AGC - Automatic Gain Control</li> <li>• Auto White Balance</li> <li>• Sharpness - sharper image outlines</li> <li>• IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, fast moving, parking detection, detection of people gathering, loitering detection, face detection - advanced face capture features, supports 6 types of facial attributes extraction</li> <li>• Filtering of false alarms based on the recognition of persons and vehicles (tripwire, intrusion)</li> </ul>	..	..	..	..	
Power supply	230 V AC, 50 Hz	• PoE (802.3at), • 24 V DC / 2.5 A (power adapter included)	..	..	..	2 x 1.5V, type AAA/LR03 battery (not included)	12 V DC
Power consumption	..	max. 22 W	..	..	..	..	..
Housing	Plastic	Speed Dome, Metal + Plastic	..	..	Plastic	..	..
Color	..	White + Black	..	..	Black	..	..
Operation temp	..	-40 °C ... 70 °C	..	..	..	..	..
"Index of Protection"	..	IP67	..	..	IP20	..	..
Vandal-proof	..	IK10	..	..	..	..	..
Weight	0.12 kg	5.32 kg (with bracket)	0.016 kg	0.018 kg	0.93 kg	0.06 kg	0.08 kg
Dimensions	108 x 64 x 75 mm	190 x 415 x 268 mm (with bracket)	50 x 14.5 x 14.5 mm	39 x 39 x 16 mm	..	• Mouse : 116 x 74 x 39 mm, • Receiver : 14 x 6 x 19 mm	31 x 25 x 18 mm
Supported languages	..	Polish, English, Czech, Spanish, French, Dutch, German, Portuguese Romanian, Russian Turkish Hungarian, Italian	..	..	..	..	..
Manufacturer / Brand	ORNO	DAHUA	..	..	BleBox	CASTROL	uGo DELTA
Guarantee	2 years	5 years	2 years	2 years	..	2 years	3 years



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