







	IP CAMERA APTI-501CA4-27135W-Z- L-Full-Color - 5 Mpx 2.7 13.5 mm	SOLAR IP CAMERA_OUTDOOR_DS-2XS2T47G0- LDH/4G/C18S40(4MM) Color/Va 4G/LTE - 4 Mpx 4 mm Hikvision	WIRED DOORBELL_OR-DE- VD-145/W/8V ORNG	ACCESS CONTROLLER MODULE_MC16-PAC-ST-2 ROGER	CABLE HDMI-0.5/SLIM 0.5 m	ACCESS CONTROLLER ASCZ204C-H DAHUA
						
	65384.62 HUF 65384.62 HUF	817788.46 HUF 817788.46 HUF	4249.04 HUF 4249.04 HUF	133653.85 HUF 133653.85 HUF	1190.38 HUF 1190.38 HUF	305096.15 HUF 305096.15 HUF
Standard	IP	TCP/IP	...	...	...	...
Number of served transitions	...	...	...	2 (two-way)	...	4 (one-way)
Support	...	...	...	...	...	DAHUA
Signaling mode	...	...	Sound signaling	...	...	...
Number of supported readers	...	...	...	8	...	4 pcs
Matrix size	...	4 Mpx	...	...	...	...
Connector type	...	...	...	...	Straight plug HDMI / Straight plug HDMI	...
Number of ring-tones	...	...	1 - Two alternating ring tones	...	...	...
Length of the cable	...	...	...	...	0.5 m	...
Input lines	...	...	...	...	...	20 pcs
Volume adjustment	...	...	...	...	...	...
Number of users	...	...	...	unlimited (purchase of the appropriate license required)	...	...
Output lines	...	...	...	...	...	12 pcs - Relay
Number of media per ID	...	...	...	8 - Proximity card, PIN code, fingerprint, etc.	...	...
Buffer memory	...	...	...	8 000 000 events buffer	...	...
Number of access zones	...	...	...	4	...	...
Number of alarm zones	...	...	...	4	...	...
Class of the cable	...	...	...	...	32 AWG	...
HDMI standard	...	...	...	...	1.4	...
Battery backup support	...	...	...	12 V / 7 Ah	...	max. 7 Ah
Resolution	2592 x 1944 - 5 Mpx , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2688 x 1520 - 4 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	...	...	...	...
Sensor	1/2.8 " SONY Starvis™ Back-illuminated CMOS	1/1.8 " Progressive Scan CMOS	...	...	...	...
Lens	2.7 13.5 mm	4 mm F1.0	...	...	...	...
Communication	...	...	...	• Ethernet - RJ-45 socket • RACS 5 v2 (Roger) • RS-485 interface	...	• RS-485, • Ethernet, • Wiegand 34/26
View angle	95 ° ... 47 °	• 95 ° (manufacturer data) • 94 ° (our tests result)	...	...	...	...
Range of IR illumination	...	...	...	...	...	...
White light LED illuminator range	40 m	max. 30 m	...	...	...	...
Main features	...	...	Simple and quick device installation	<ul style="list-style-type: none"> • Integrated support in VISO ST software • Functions in the VISO ST system: <ul style="list-style-type: none"> - MSSQL database - work in distributed systems - multi-station work - monitoring of transitions with video preview - TSA event reporting • maximum number of transitions in the system : 128 	<ul style="list-style-type: none"> • Very flexible • 4K resolution support • 3D image transmission • AUDIO return channel • Ethernet channel 	<ul style="list-style-type: none"> • Support for 4 doors (20 inputs: 4x lock state, 4x door sensor, 4x exit button, 8x alarm line) • 200000 indexed users • History of 150000 events • Possibility to connecting in cascade • 128 General Purpose Schedules • Function to prevent of multiple use of the same code/card to gain access (anti-passback) • Door Left Open and Door Forced Open alarms • Tamper detection - opening the enclosure • Watchdog built-in • Remote programming from PC • Real time clock with battery backup • Metal housing • ONVIF compliance
Alarm inputs / outputs	1 / 1	...	...	...	...	...
Possibilities of adjustment	...	• Camera : 0 ° ... 360 ° (horizontal) ; -60 ° ... 0 ° (vertical) • Solar Panel : 0 ° ... 350 ° (horizontal) ; -40 ° ... 40 (vertical)	...	...	...	...
Permissible relative humidity	...	...	...	10 % ... 95 % (non-condensing)	...	max. 95 % (non-condensing)
Audio	<ul style="list-style-type: none"> • External microphone input • Audio output • Audio transmission via network • Bi-directional audio streaming support • Compliance with the AAC standard 	<ul style="list-style-type: none"> • Microphone built-in, • Speaker built-in - Alarm siren, • Audio transmission via network, • Bi-directional audio streaming support, • Noise reduction, • Alarm signaling	...	...	...	...
Image compression method	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Main stream frame rate	25 fps @ 5 Mpx	12.5 fps @ 4 Mpx

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Intelligent image analysis	<ul style="list-style-type: none"> intrusion crossing the line (tripwire) loitering detection detection of people gathering vehicle detection motion detection based on human detection uploading face captures to FTP
Network protocols	...	TCP/IP, ICMP, DHCP, HTTP, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, QoS, IPv6, UDP, Bonjour, SSL/TLS, SNMP, HTTPS, IEEE 802.1x, ONVIF	...	...	...	...
Network interface	10/100 Base-T (RJ-45)	RJ-45 - 10/100 Mb/s	...	...	...	...
ONVIF	19.12	✓	...	...	...	...
WEB Server	Built-in	Built-in	...	...	...	...
Mechanical protection class	...	...	...	...	...	...
Max. number of on-line users	10	6	...	...	...	...
Default admin user / password	admin / admin	admin / -	...	...	...	...
Operation temp	-30 °C ... 60 °C	...	...	...	...	...
Mobile phones support	<ul style="list-style-type: none"> Port no.: 80 or access by a cloud (P2P) Android: Free application BitVision iOS (iPhone): Free application BitVision 	<ul style="list-style-type: none"> Port no.: 8000 or access by a cloud (P2P) Android: Free application Hik-Connect iOS: Free application Hik-Connect	...	...	...	...
Default IP address	192.168.1.168	192.168.1.64	...	...	...	...
Web browser access ports	80	80	...	...	...	...
PC client access ports	80	Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application	...	...	...	...
Mobile client access ports	80	8000	...	...	...	...
Port ONVIF	80	80	...	...	...	...
RTSP URL	<ul style="list-style-type: none"> rtsp://user:password@ip_address:8000 - Main stream rtsp://user:password@ip_address:8001 - Sub stream 	<ul style="list-style-type: none"> Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ -with authorization Sub stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ -with authorization	...	...	...	...
Memory card slot	Micro SD card support up to 1TB	Micro SD memory cards up to 256GB support (possible local recording)	...	...	...	...
Main features	<ul style="list-style-type: none"> Full Color - colorful night mode WDR - 120 dB - Wide Dynamic Range 3D-DNR - Digital Noise Reduction ROI - improve the quality of selected parts of image F-DNR (Defog) - Reduction of image noise caused by precipitation Flicker Control - The technology eliminates the tiring eyes flickering image effect BLC/HLC - Back Light / High Light Compensation Motion Detection Privacy zones Possibility to change the resolution, quality and bit rate Mirror - Mirror image Sharpness - sharper image outlines 	<ul style="list-style-type: none"> WDR - 120 dB - Wide Dynamic Range 3D-DNR - Digital Noise Reduction BLC/HLC - Back Light / High Light Compensation Day/night mode Configurable: brightness, contrast, saturation Sharpness - sharper image outlines AGC - Automatic Gain Control WB - White Balance ROI - improve the quality of selected parts of image ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its Motion Detection Alarm signaling - Audio, E-mail Alarm notifications Events saving to the micro SD card Built-in PIR detector : <ul style="list-style-type: none"> Detection angle : 100 ° (horizontal), 80 ° (vertical) Detection range : 15 m Internal memory : 64 GB (50 GB for recording) 4G LTE/WCDMA/GSM support - The microSIM cards support RESET button, Solar Panel : 40 W - built-in battery 23.2 Ah	...	...	...	...
Estimated battery operation time	...	<ul style="list-style-type: none"> 2.5 ... 4.5 days 24 days (Standby mode)	...	...	...	...
Power supply	<ul style="list-style-type: none"> PoE (802.3af), 12 V DC / 550 mA 	<ul style="list-style-type: none"> Li-Ion battery 5.5 ... 8.4 V, Solar Panel : 40 W, 12 V DC - 5.5/2.1 socket (power adapter not included), For the purpose of service 	8 V AC	<ul style="list-style-type: none"> 17 ... 22 V AC 10 ... 15 V DC 22 ... 26 V DC 	...	80 ... 260 V AC
Power consumption	≤ 6.5 W	<ul style="list-style-type: none"> max. 7.2 W ≤ 1.85 W (typical) - 4G LTE support 40 mW (Standby mode)	...	...	...	...
Housing	Compact - Metal	Compact, ADC	...	...	...	...
"Index of Protection"	IP67	IP67	IP20	...	...	...
Color	White	White + Black	White	...	...	...
Operation temp	...	-20 °C ... 50 °C	...	5 °C ... 40 °C	...	-30 °C ... 60 °C
Weight	1.2 kg	9.67 kg (total)	0.11 kg	0.14 kg	...	2.77 kg
Dimensions	268 x 95 x 88 mm	760 x 615 x 391 mm (total)	92 x 92 x 40 mm	175 x 72 x 30 mm	...	270 x 330 x 90 mm
Supported languages	Polish, English, French, Spanish, Dutch, German, Portuguese, Russian, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Ukrainian, Hungarian, Italian	...	...	...	...
Manufacturer / Brand	APT1	Hikvision	ORNO	ROGER	...	DAHUA
SAP Code	...	311316656
Guarantee	2 years	3 years	2 years	3 years	2 years	3 years



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