

	ACCESS CONTROLLER ASC2204C-H DAHUA	AHD_HD-CVI_HD-TVI_PAL CAMERA_DS-C2E76H0T- TPPES(2.8mm) - 5 Mpx Hikvision	DOORBELL BUTTON PD-1 ORNO	PLUG F7,0P*10	AHD_HD-CVI_HD-TVI CAMERA_APTLH51V1-2RW 2Mpx / 5Mpx 2.8 mm	AHD_HD-CVI_HD-TVI CAMERA_APTLH50V1-3RW 2Mpx / 5Mpx 3.6 mm	INSULATION STRIPPER HT5010LD	EXPANSION PLUG WITH SWING HOOK KH-12/8X120	CONNECTOR FOR LED STRIPS LUOS-COB-SW-SS 8 mm	POWER METER WITH LCD DISPLAY OR-WAT-435 ORNO
										
	19253.64 CZK 19253.64 CZK	1292.48 CZK 1292.48 CZK	100.79 CZK 100.79 CZK	46.60 CZK 46.60 CZK	757.28 CZK 757.28 CZK	533.98 CZK 533.98 CZK	14.44 CZK 14.44 CZK	24.27 CZK 24.27 CZK	16.26 CZK 16.26 CZK	382.71 CZK 382.71 CZK
Number of served transitions	4 (one-way)	...	...	...	...	...	...	...	...	...
Device type	...	...	...	...	...	...	...	...	...	Power meter with LCD display
Support	DAHUA	...	...	...	...	...	...	...	...	...
Number of supported readers	4 pcs	...	...	...	...	...	...	...	...	...
Power measurement	...	...	...	...	...	...	...	...	...	0 ... 3680 W
Standard	...	AHD / HD-CVI / HD-TVI / CVBS	...	...	AHD, HD-CVI, HD-TVI	AHD, HD-CVI, HD-TVI	...	...	...	...
Battery backup support	max. 7 Ah	...	...	...	...	...	...	...	...	...
In package	...	...	...	10 pcs The price for package	...	...	...	...	...	...
Strip width	...	...	...	...	...	...	...	8 mm	...	...
Sensor	...	Progressive Scan CMOS	...	...	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	...	...	...	...
Application	...	...	...	...	...	...	Coaxial cable max. Ø 7.5 mm Telephone cable	...	Works with LED lighting - COB LED strips	...
Input lines	20 pcs	...	...	...	...	...	...	...	...	...
Drilling diameter	...	...	...	...	...	...	...	12 mm	...	...
AC voltage measurement	...	...	...	...	...	...	...	...	...	150 ... 276 V
Matrix size	...	5 Mpx	...	...	5 Mpx	5 Mpx	...	...	...	...
Expansion plug length	...	...	...	...	...	...	...	60 mm	...	...
Maximal current	...	...	...	...	...	...	...	...	...	16 A
Connector type	...	...	...	F" Straight plug	...	...	...	...	...	...
Output lines	12 pcs - Relay	...	...	...	...	...	...	...	...	...
Maximal load	...	...	...	...	...	...	...	...	...	3680 W
Attachment of connector elements	...	...	...	Twisted-on	...	...	...	...	...	...
Screw	...	...	...	...	...	...	...	90 mm (L)	...	...
Shield fastening	...	...	...	Twisting-on	...	...	...	...	...	...
Range of displayed power	...	...	...	...	...	...	...	...	...	0.0 ... 9999 W
Wire mounting	...	...	...	Coaxial cable	...	...	...	...	...	...
Application	...	...	...	...	...	...	...	...	...	...
Screw dimensions	...	...	...	...	...	...	...	Ø 8 x 90 mm	...	...
Cable diameter	...	...	...	max. 7.0 mm	...	...	...	...	...	...
Range of displayed voltage	...	...	...	...	...	...	...	...	...	0.0 ... 9999 V
Impedance	...	...	...	75 Ω	...	...	...	...	...	...
Communication	RS-485, Ethernet, Wiegand 34/26	...	...	...	...	...	...	...	...	...
Material	...	...	...	Metal	...	...	PET	Expansion plug - Polypropylene Screw - Steel galvanized	...	...
Range of displayed cumulative electricity	...	...	...	...	...	...	...	...	...	0.000 ... 9999 kWh
Example of application	...	...	...	HFEK Trosel13	...	...	...	...	...	...
Cumulative cost of electricity	...	...	...	...	...	...	...	...	...	0.00 ... 9999 €
Cost electricity setting range	...	...	...	...	...	...	...	...	...	00.00 ... 99.99 €/kWh
Time display range	...	...	...	...	...	...	...	...	...	0 s ... 9999 days
Price display range	...	...	...	...	...	...	...	...	...	00.00 ... 99.99 €/kWh
Operation temp	30 °C ... 60 °C	...	...	...	...	...	...	...	...	...
Permissible relative humidity	max. 95 % (non-condensing)	...	...	...	...	...	...	...	...	...
IR illuminator support	...	ICR - Movable InfraRed filter	...	...	...	...	...	...	...	...
Resolution	...	• 2560 x 1944 - 5 Mpx @ AHD / HD-TVI - 20 fps • 2560 x 1440 - 4 Mpx @ AHD / HD-CVI / HD-TVI - 25 fps • 1920 x 1080 - 1080p @ HD-TVI - 25 fps • 960 x 576 - 960H @ PAL	...	...	2592 x 1944 - 5 Mpx @ AHD / HD-TVI @ 20 fps, 12.5 fps; 2560 x 1440 - 4 Mpx @ AHD / HD-TVI @ 30 fps, 25 fps, 15 fps; 2560 x 1440 - 4 Mpx @ HD-CVI @ 30 fps, 25 fps; 1920 x 1080 - 1080p @ AHD / HD-CVI / HD-TVI @ 30 fps, 25 fps	2592 x 1944 - 5 Mpx @ AHD / HD-TVI @ 20 fps, 12.5 fps; 2560 x 1440 - 4 Mpx @ AHD / HD-TVI @ 30 fps, 25 fps, 15 fps; 2560 x 1440 - 4 Mpx @ HD-CVI @ 30 fps, 25 fps; 1920 x 1080 - 1080p @ AHD / HD-CVI / HD-TVI @ 30 fps, 25 fps	...	...	...	...
Range of IR illumination	20 m	...	...	...	20 m	20 m	...	...	...	...
IR illuminator power adjustment	Automatic	Automatic	...	...	Automatic	Automatic	...	...	...	...
Lens	2.8 mm	2.8 mm	...	...	2.8 mm	3.6 mm	...	...	...	...
Main features	• Support for 4 doors (20 inputs: 4x lock state, 4x door sensor, 4x exit button, 6x alarm line) • 200000 indexed users • History of 150000 events • Possibility of connecting in cascade • 128 General Purpose Schedules • Function to prevent of multiple use of the same codecard 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	...	Housing - Plastic, Surface-mounted	• Wide frequency range • Corrosion resistance • Elastic sealing	...	...	...	...	...	• Operation modes : Power consumption, Voltage, Current consumption, Current frequency, Power factor, Cumulated amount of electricity, Cumulative cost of electricity, Programmable price of 1 kWh, Cost of electricity (€/kWh), Cumulative time of energy consumption measurement The average weight of CO ₂ emissions for the production of consumed energy • Large, readable LCD display • Simple configuration of the cost calculation setting • built-in battery
Security class	...	...	...	...	...	...	...	...	...	IP20
Audio	...	• Microphone built-in • Audio support via coaxial cable	...	...	...	...	...	...	...	...
View angle	...	86 °	...	...	• 89 ° (manufacturer data) • 82 ° (our tests result)	• 77 ° (manufacturer data) • 71 ° (our tests result)	...	...	...	...
Socket type	...	...	...	...	...	...	...	...	...	2P+E, E type
Video output	...	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI - selectable by switch	1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI - selectable by switch

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OSD menu	--	OSD menu available via recorder	--	--	✓	✓	--	--	--	--
Main features	--	<ul style="list-style-type: none"> • D-WDR - Wide Dynamic Range • 2D-DNR - Digital Noise Reduction • EXIR - high-efficiency infrared LEDs technology, which evenly covers the whole plan of both central vantage points of the scene as well as the corners • AGC - Automatic Gain Control • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • ICR - Movable InfraRed filter • Auto White Balance • Mirror - Mirror image • Sharpness - sharper image outlines 	--	--	<ul style="list-style-type: none"> • D-WDR - Wide Dynamic Range • DNR - Digital Noise Reduction • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Day/Night mode (color/b&w/auto) • Auto White Balance • Sharpness - sharper image outlines • Coaxial audio - HD-TVI only 	<ul style="list-style-type: none"> • D-WDR - Wide Dynamic Range • DNR - Digital Noise Reduction • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Day/Night mode (color/b&w/auto) • White Balance - ATW/Mannual • Sharpness - sharper image outlines • Coaxial audio - HD-TVI only 	--	--	--	--
Housing	--	Dome, Plastic	--	--	Dome - Metal	Dome - Metal	--	--	Plastic	Plastic
Color	--	White	--	--	White	White	--	--	Transparent	--
Vandal-proof	--	--	--	--	--	--	--	--	--	--
"Index of Protection"	--	--	IP44	--	IP67	IP67	--	--	--	--
Power supply	80 ... 260 V AC	12 V DC / 310 mA	max. 250 V / 1 A	--	12 V DC / 250 mA	12 V DC / 550 mA	--	--	--	• 230 V AC, 50 Hz • 3.6 V DC, 40 mAh NiMH - built-in battery
Power consumption	--	≤ 3.7 W	--	--	≤ 3 W	≤ 6.6 W	--	--	--	--
SAP Code	--	500613327	--	--	--	--	--	--	--	--
Operation temp	--	40 °C ... 60 °C	--	--	20 °C ... 60 °C	10 °C ... 60 °C	--	--	--	--
Weight	2.77 kg	0.15 kg	0.035 kg	0.005 kg	0.42 kg	0.28 kg	0.04 kg	--	0.002 kg	0.17 kg
Dimensions	270 x 330 x 90 mm	Ø 85 x 79 mm	81 x 33 x 20 mm	Ø 11 mm x 17 mm	Ø 97 x 91 mm	Ø 93 x 77 mm	109 x 54 x 17	--	10 x 10 x 5 mm	149 x 70 x 77 mm
Supported languages	--	--	--	--	Polish, English	Polish, English, French, Spanish, Portuguese, Russian, Italian	--	--	--	--
Manufacturer / Brand	DAHUA	Hikvision	ORNO	--	APTI	APTI	--	--	MW Lighting	ORNO
Guarantee	3 years	3 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years

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