

	EXPANSION PLUG KS-12/8X120 KLIMAS	IP CAMERA APTI-304C3-28WP - 3 Mpx 2.8 mm	ACCESS CONTROLLER MODULE MC16-PAC-EX-2 ROGER
			
	12.15 CZK 12.15 CZK	1095.89 CZK 1095.89 CZK	12686.12 CZK 12686.12 CZK
Standard	...	TCP/IP	...
Number of served transitions	...	...	2
Matrix size	...	3 Mpx	...
Inputs	...	...	12
Outputs	...	...	8
Sensor	...	1/2.9 " Progressive Scan CMOS	...
Material	<ul style="list-style-type: none"> • Expansion plug, Polypropylene • Screw, Steel galvanized	...	...
Number of users	...	...	max. 12000 - Number of identifiers
Drilling diameter	12 mm	...	...
Expansion plug length	80 mm	...	...
Number of media per ID	...	...	8 - Proximity card, PIN code, fingerprint, etc.
Number of permissions per ID	...	...	100
Buffer memory	...	...	8 000 000 events buffer
Screw dimensions	Ø 8 x 120 mm, SW-13	...	...
MCT readers support	...	...	16 pcs
Resolution	...	2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	...
Lens	...	2.8 mm	...
Application	<ul style="list-style-type: none"> • Concrete • Solid clay brick • Solid sand-lime brick	...	...
Readers connections	...	...	4 pcs - Wiegand / PRT
Number of login points	...	...	4
Number of access terminals	...	...	8
Number of access zones	...	...	4
View angle	...	<ul style="list-style-type: none"> • 91 ° (manufacturer data) • 100 ° (our tests result) 	...
Number of alarm zones	...	...	4
Range of IR illumination	...	25 m	...

Number of automation nodes	...	...	4
Battery backup support	...	...	12 V / 7 Ah
Image compression method	...	H.265+ / H.265 / H.264+ / H.264 / MJPEG	...
Communication	...	...	<ul style="list-style-type: none"> • Ethernet - RJ-45 socket • RS-485 interface • RACS 5 v2 (Roger)
Main stream frame rate	...	25 fps @ 3 Mpx	...
Network interface	...	10/100 Base-T (RJ-45)	...
Memory card slot	...	—	...
Alarm inputs / outputs	...	—	...
Audio	...	—	...
Main features	...	...	<ul style="list-style-type: none"> • Integrated support in VISO EX software • Functions in the VISO EX system: - MSSQL database - work in distributed systems - multi-station work - monitoring of transitions with video preview - T&A event reporting - maximum number of transitions in the system - unlimited - division of the system into partitions operated by independent operators - tool for integration with RACS5 (API) systems - integration with many systems (elevator systems, building applications, SMS, BMS, PSIM, VMS, Active Directory systems)
Network protocols	...	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, SMTP, UDP	...
Operation temp	...	...	5 °C ... 40 °C
WEB Server	...	Built-in	...
Max. number of on-line users	...	10	...
Permissible relative humidity	...	...	10 % ... 95 % (non-condensing)
ONVIF	...	✓	...
RS-485 interface	...	—	...



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

Mobile phones support	...	Port no.: 80 or access by a cloud (P2P) <ul style="list-style-type: none"> • Android: Free application BitVision • iOS (iPhone): Free application BitVision 	...
Default IP address	...	192.168.1.168	...
Default admin user / password	...	admin / admin The administrator password should be set at the first start	...
Web browser access ports	...	80	...
PC client access ports	...	80	...
Mobile client access ports	...	80	...
Port ONVIF	...	80	...
RTSP URL	...	<ul style="list-style-type: none"> • rtsp://user:password@ip_address:80/0 - Main stream • rtsp://user:password@ip_address:80/1 - Sub stream 	...
Main features	...	<ul style="list-style-type: none"> • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • Flicker Control - The technology eliminates the tiring eyes flickering image effect • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • Possibility to change the resolution, quality and bit rate • ICR - Movable InfraRed filter • Motion Detection • Privacy zones - max. 3 • Day/Night mode - configurable • Mirror - Mirror image • Sharpness - sharper image outlines • Intelligent image analysis : intrusion, video tampering 	...
Power supply	...	<ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 290 mA 	<ul style="list-style-type: none"> • 17 ... 22 V AC • 10 ... 15 V DC • 22 ... 26 V DC
Power consumption	...	≤ 3.5 W	...
Housing	...	Compact - Aluminum	...
Color	...	White	...
"Index of Protection"	...	IP67	...



Operation temp	...	-20 °C ... 60 °C	...
Weight	...	0.43 kg	0.14 kg
Dimensions	...	173 x 73 x 73 mm	175 x 72 x 30 mm
Supported languages	...	Polish, English, Bulgarian Czech, French, Spanish, Dutch, German, Portuguese, Russian, Turkish, Italian	...
Manufacturer / Brand	KLIMAS	APTI	ROGER
Guarantee	2 years	2 years	3 years



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