	ZEWNĘTRZNY CZUJKA BUTTON ATLO-AB PRLMO	KEY ENTICH ACCO-KB-1-P	KEY TO USB ZEWNĘTRZNY BUTTON APWEKEY	HEAR ADAPTO ADPTO-CA-1-1	HEAR ADAPTO ADPTO-CA-1-TI-SMDLA	HEAR ADAPTO ADPTO-CA-1-TI-SMDLA	BRAKARZ ARPI-CAR-1-SMDLA	BANNERNE DOCKING ATLO-DB-1	BRAKARZ BR-MHO-ARZ	BRAKARZ BR-MAS-ARZ	KEY TO USB ZEWNĘTRZNY BUTTON PTOKEY	ATACHE MRA PTOF FOR PROXIMITY CARD READER MATRIX	BANER CAAP-BL-1	PROXIMITY CARD READER CR1-1	PROXIMITY CARD READER CP-1	PROXIMITY CARD READER CP-2	PROXIMITY CARD READER CP-3	PROXIMITY HEADER GE USB1-MATRIX	OBJEKTA PROTECTION SYSTEM MANAGEMENT SOFTWARE MATRIX-SERVER-SMDLA	MATRIX-SERVER MATRIX-SERVER-SMDLA	AD EXTENDER DCA2-BB1-BOARD	BRAA CAMON-BL-1	EO EO-TRIMMAT-SL1	EO EO-TRIMMAT-SL1	SIDE-LANYARD-BL-1	SIDE-LANYARD-BL-1	PROXIMITY CARD READER GP-R1-1 MATRIX	PROXIMITY CARD READER GP-R1-2 MATRIX	PROXIMITY HEADER BUS-USB1-BOARD	PROXIMITY HEADER BUS-USB1-BOARD	TEMPERATURE HEADER MODULE CONNECT PIT FOR AMC MATRIX-SMDLA	CONNEKTOR DOCKING INTERFACE ACCESS FOR BR-MHO-MATRIX	BUTTERFLY ENCLOSURE FOR BUTTON ACTIVE MONITOR MATRIX-SMDLA-CONNECTION-CABLE-CONNECTOR-BUTTERFLY-BOARD	DELAY DOOR AUTOMA ONEZ DR-ZONE1-Matrix	REDUCTION-EXTENSION MODULE MCA 7 BOARD	AD EXTENDER DCA2-BOARD	AD EXTENDER DCA2-BB1-BOARD	BORAAUDIO-BL-BE-AD-BOARD	MEMORYEXPANSION RD PDR-A-STR BOARD	CONNEKTOR DOCKING INTERFACE RS232 BR-RD	CARDEAD-RFID-EXTLORD WRITER RW-1-UR	CONNEKTOR DOCKING INTERFACE 2-CP-UR BR-RD	CONNEKTOR DOCKING INTERFACE 2-CE-BRAN-BR-RD-BOARD
	0.83 EUR	13.35 EUR	2.41 EUR	232.41 EUR	232.41 EUR	660.41 EUR	7.24 EUR	6.87 EUR	19.88 EUR	19.88 EUR	6.48 EUR	5.36 EUR	0.12 EUR	0.69 EUR	0.69 EUR	0.84 EUR	0.41 EUR	16.13 EUR	16.13 EUR	16.13 EUR	16.13 EUR	46.77 EUR	4.47 EUR	1.05 EUR	0.36 EUR	1.38 EUR	1.05 EUR	0.41 EUR	0.41 EUR	46.38 EUR	76.97 EUR	41.41 EUR	41.41 EUR	19.84 EUR	77.44 EUR	91.91 EUR	2.32 EUR	37.39 EUR	38.38 EUR	38.13 EUR	76.25 EUR	19.41 EUR	9.27 EUR	4.97 EUR	16.44 EUR	206.11 EUR
Standard																																							Tempo RM 230kHz				RO-MS
Communication interface																																											
Number of server																																											
Sensitive																																											
Mounting type																																											
Compatibility																																											
Ethernet interface																																											
Inputs																																											
Input voltage																																											
Supported resolutions																																											
Contact type	NO, normoatable	NO, NC, bistable																																									
Max attenuation range																																											
Max distance																																											
Line length																																											
Number of video channels																																											
Operation environment																																											
Protection																																											
Power consumption																																											
Length																																											
Delay output																																											
Output voltage																																											
Video outputs																																											
Width																																											
Application			APMK, APPK	AATT21.IX.TI	AATT21.IV.V3-TI	AATT21.IX.TI	ATLO-tree-Iox	APTI-ATMPRTI & APTI-ATTPRTIF	APTI-ATMPRTI & APTI-ATTPRTIF	PPSPCRDFP	DEF SCR-BL, CZ-EMAG, CZ-EMM4, PR-01, ACCO-SCR-PR1																		

Searching and playback the records																				Records searching by time and playback forward, playback backward, "Pause by Pause" playback function																								
Network interface																				a x 10/100/1000 Base-T																								
Main features	Ability to control the bullos with a string																				• Ability to work inputs in Double Wiring mode • Inputs reaction time • Ability to work with Wiegand 26/34 or DIGI or Clock&Data protocol • Ability to set up the output default state of polarization • Configuration through RS-485 (Super/ONE)					Two-piece lanyard (the clip part is attached to the strap with a buckle)	Two-piece lanyard (the clip part is attached to the strap with a buckle)			• A practical magnetic stand is included with the device • software included	• Reads card numbers: CSN, EM4, MIFARE Classic • Writes card numbers: EM4, MIFARE Classic • LED indicating device operation state • Configuration through USB (Super/ONE) • Software SDK • Practical magnetic stand is included with the device	Support up to 3000 Super prints	• Plug & Play • LED indicators showing the operation state • Socket N-45 to connecting the device with CF-2 proximity card reader	• Built in buffered power supply with battery and AC mains monitoring • Voltage distribution • Power supply protected by 1.5A fuse • DIN TS 35 rail, Length - 4 module • LED indication • Technical outputs of the power supply: 12 V • Place for battery - 12 V / 7 Ah	• RS-485 interface • Wiegand interface • Configuration via RS-485 interface • Tamper detection - signaling from monitor surface • Operation status LED indicator	• DI 06, DI 36 inputs with a voltage of 12 V DC • DO 07, DO 37 open collector outputs with 5mA current limit • LED indication • Two-piece lanyard (the module and reader - 150 m; the module and controller - as much as possible, considering installation in the controller housing • Class I indoor	• Transmitter outputs - 4 • Power supply monitoring for 4 doors • Two independent bus distribution • 4 power outputs 12 V/ 5 A, protected by 5A fuse • RS485 communication interface to access controller • Power supply levels reporting to access controller • Protection against door forcing and door left open • Battery charging current - 0.3 A, 0.6 A, 0.8 A									• Power, or dynamic IP address • 4 general purpose IO lines • Control from a Web browser • Controlling IO lines with Telnet commands
Mirror																				max. 700 Mbps																								
Network functions																				• Full support via network, Plug-and-Play configuring, Web-browser access • max. 200 on-line users																								
Protections																																			• Short-circuit • Overload • Overvoltage • Tamper • Reverse polarity • Overheat • Discharge													
Mobile phones support																				✓																								
Default IP address																				192.168.1.168																								
Default admin user / password																				admin / The administrator password should be set at the first access																								
Web browser access ports																				80, 37777																								
PC client access ports																				37777																								
Alarm inputs / outputs																				0 / 2																								
Adapter operation control																																			• AC input voltage presence indication AC • DC output voltage presence indication DC • Overload indication • EPA PLT output indicating AC power failure • PSU output indicating DC output voltage or power supply unit failure • Low output - Low battery voltage													
PTZ control																				AF Speed Dome Cameras, AF-485																								
HD-SDI																				✓																								
Operation temp																																											-35 °C ... 55 °C	10 °C ... 40 °C
PA 232																				✓																								
Sensor functions																				✓																								
Motion and image analysis																				✓																								
Storage support																				✓																								
SADP																				max. 64 cameras																								
Face recognition																				max. 64 cameras																								

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Main features																			* Cooperation with DAHUA recorders. * Support for camera support * Cooperation with PCS access control systems - support max. 64 devices. * Cooperation with the DAHUA access control systems - support max. 256 devices. * Cooperation with the DAHUA IP video doorphone devices - Voice calls between the VTH series internal panels and the VTO series outdoor panels - Video calls between door stations of the VTO series and the system management unit - Work as a SIP server for the communication of the VTH internal panels and devices compliant with the SIP protocol - Redirecting a video call to mobile phone - Support for the supporting devices in the DAHUA ecosystem * Support for devices with face recognition identification function and face recognition * Cooperation with measurement cameras (several ANPR cameras on one entry point) * The ability to lock the door in the event of the face recognition function * Advanced functions of the access control system - hiding, deleting and editing users - Change of permissions of individual users and groups of users - Change of access to individual zones - Change of the status of individual doors - Remote system management, updating and data exchange between all system devices - it applies both to the cloud version of the system and the access control system as well as to the hours of operation of the system * Advanced functions of the access control system - Anti-passback - Remote opening of the door - Leaving the door open for a specified time - Unlocking the transition only when more than one person is present - Remote access verification * Cooperation with the DAHUA mobile recorders - the ability to view cameras from the mobile recorder via the local Wi-Fi network - Archiving the route of the patrol officers with a mobile recorder - Access to the image from cameras in the mobile recorder in real time (the recorder must have an active Internet access - fixed IP address) - Displaying the possibility to mark the location of the patrol reports on the map of the object - The use of Google Maps to mark the place where the trigger, the element that initiated the alarm is marked on the map - Access to previous recordings - the ability to view archived recordings from the last 24 hours - The camera's field of view can be marked on the map - Ability to employ determine the crate-control function based on face recognition function (required devices supporting this function) - Ability to employ determine the crate-control function based on ANPR recognition function (required devices supporting this function) * Cooperation with the wall mounted * Cooperation with the controllers of the NAR series - integration with the alarm system - Sending the alarm signal to the server by the controller - Setting the system among schedules - Sending the alarm action after receiving the signal from the alarm control panel - Sending detailed information about the triggered alarm to selected users * Intelligent image analysis: people counting, heat map, people counting, heat map - the ability to operate in cascade - max. 2 units, max. 24 devices * Extended stability of Internet work																																										

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Power supply																		from USB port	100 ... 240 V AC	3 V DC								from USB port	from USB port	5 V DC - Supplied from other module	6 V DC from USB port		5 V DC	10 V ... 15 V DC	5.8 V DC	12 V DC				V DC from USB port		V DC from USB port	10 V ... 15 V DC
Weight	0.06 kg	0.13 kg	0.092 kg	0.3 kg	0.31 kg	0.7 kg	0.12 kg	0.552 kg	0.18 kg		0.19 kg	0.004 kg	0.001 kg	0.006 kg	0.006 kg	0.009 kg	0.012 kg	0.1 kg	0.18 kg	0.01 kg	0.01 kg	0.03 kg	0.02 kg	0.02 kg	0.006 kg	0.01 kg	0.014 kg (without stand)	0.014 kg (without stand)	0.1 kg	0.8 kg	0.06 kg	0.4 kg	0.055 kg	0.113 kg	0.17 kg	0.38 kg	0.35 kg	0.01 kg	0.092 kg	0.026 kg	0.13 kg
Dimensions	36 x 86 x 12 mm	35 x 52 x 38 mm	37 x 52 x 11 mm	62 x 156 x 278 mm	62 x 156 x 279 mm	108 x 304 x 1075 mm	110 x 104 x 82 mm	180 x 200 x 50 mm	110 x 210 x 1310 mm	42 x 14 x 6 mm	17 x 47 x 9 mm		96 x 62 x 6 mm	35 x 90 x 2 mm	35 x 90 x 2 mm	35 x 104 x 2 mm	67 x 35 x 10 mm	202 x 122 x 132 mm - BACK 12", 3U	100 x 38 x 20 mm (without stand)		18 12 x 16 mm		70 x 35 x 52 mm			36 x 16 x 1.6 mm	36 x 48 x 1 mm	101 x 36 x 53 mm (without stand)	101 x 36 x 53 mm (without stand)	100 x 100 x 38.5 mm	108 x 6.1163 x 32 mm	403 x 126 x 100 mm	115 x 40 x 26 mm	35 x 17 x 54 mm	115 x 66 x 45 mm	75 x 115 x 53 mm (without stand)	106 x 95 x 76 mm	465 x 360 x 179 mm	100 x 31 x 22 mm	71 x 116 x 34 mm	48 x 43 x 23 mm	86 x 72 x 62 mm
Supported languages																		Ladder, Function Block, Structured Text																													
Country of origin																		Taiwan																													
Manufacturer / Brand	-	ATLO	CODOG	AMOLA	AMOLA	AMOLA	ATLO	APTI	APTI		ANTEL	ROGER	ROGER	ROGER	ROGER	ROGER	ANTEL	AMOLA	ROGER	ROGER		-	ROGER	ROGER	ANTEL	ANTEL	ROGER	ROGER	AMOLA	ANTEL	YUANR	Siemens	ROGER	ROGER	ROGER	ROGER	ROGER	ROGER	ROGER	-	ROGER	ROGER
Warranty	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years

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