

**Modular Engineering Systems Octagram** **Price list**

The Platform (Controller-transformer) A1 was created in 2010 on the basis of FRP and L series controllers (circuitry and software have used more than 15 years). When you are using A1 for any solutions for security, access control and automation you just need to select the firmware. Unique offer: Each day between purchase of A1 and invoices of new firmware for it reduces the cost of the firmware on 0,5%. Maximum discount for the firmware is 45%

**Platform**

A1	The transformer-controller. ABS housing 95 (145) × 90 × 48 mm DIN rail mounting. The functions are defined by Firmware. Control of power supply status. Produced under license from Octagram SA (Switzerland) in Russia. Can be installed to the power boxes PB10, FB1 or any electrical cabinet.			125 \$
ARTICLE	DESCRIPTION	Firmware TIPE	Firmware <sup>9</sup> PRICE	Retail Price <sup>1</sup>

**I. Controllers**

**1. Universal: Door lock, Addressable Buglar and Fire Aalarm, Extinguishing, Automation**

A1U1	Access control, security, automatics functions. Two addressable lines with loop structure possibility. 16 or 32 addresses. 64000 users/events EEROM, 64 internal reactions. Management of one access point (door, automatic barrier/gate).	16 address	U1	25 \$	150 \$
A1U2		32 address	U2	87 \$	212 \$
A1H1	Addressable Buglar and Fire Aalarm, Extinguishing, Automation. 2 addressable lines with loop structure possibility. 32 or 64 addresses. 4000 events/users EEROM. Relay for siren and relay for monitoring station. Control for engineering equipment, 96 internal reactions of the controller. The power supply control and the low voltage battery failure protection. Tamper.	32 address	H1	50 \$	175 \$
A1H2		64 address	H2	90 \$	215 \$
A1HT	Controller for up to 4 rooms in hotel: Door lock, Addressable Buglar and Fire Aalarm, Extinguishing, Automation. 2 addressable lines with loop structure possibility. 64 addresses. 4000 events/users EEROM. Relay for siren and relay for monitoring station. Control for engineering equipment, 96 internal reactions of the controller. The power supply control and the low voltage battery failure protection. Tamper.		HT	90 \$	215 \$

**2. Access Control Systems**

**2.1. Door, gate, barrier**

A1D0	Access control for door, barrie and gate. 150 - 64000 users/events EEROM. 64 access schedules, 11 types of access, 3 timeslots for a day. Antipassback. Control of two pass sensors. Two NO / NC relay. The door emergency opening.	150 users/events	D0	10 \$	135 \$
A1D1		1000 users/events	D1	17 \$	142 \$
A1D3		3000 users/events	D3	25 \$	150 \$
A1D8		8000 usestr/events	D8	30 \$	155 \$
A1D16		16000 users/events	D16	37 \$	162 \$
A1D32		32000 users/events	D32	91 \$	216 \$
A1D64		64000 users/events	D64	125 \$	250 \$

**2.2. Door, gate, barrier with function of blocking under Alarm setup**

A1DS0	Access control for door, barrier and gate with function of blocking under Alarm setup. 150 - 64000 users/events EEROM. 64 access schedules, 11 types of access, 3 timeslots for a day. Antipassback. Control of two pass sensors. Two NO / NC relay. The door emergency opening.	150 польвз/событий	DS1	35 \$	160 \$
A1DS1		1000 users/events	DD1	42 \$	167 \$
A1DS3		3000 users/events	DD3	50 \$	175 \$
A1DS8		8000 usestr/events	DD8	57 \$	182 \$
A1DS16		16000 users/events	DD16	75 \$	200 \$
A1DS32		32000 users/events	DD32	116 \$	241 \$
A1DS64		64000 users/events	DD64	150 \$	275 \$

**2.3. 2 doors, 2 gates per one controller**

A1DD0	Access control for 2 doors, 2 barries and 2 gates. 150 - 64000 users/events EEROM. 64 access schedules, 11 types of access, 3 timeslots for a day. Antipassback. Control of two pass sensors. Two NO / NC relay. The door emergency opening.	150 users/events	DD0	35 \$	160 \$
A1DD1		1000 users/events	DD1	42 \$	167 \$
A1DD3		3000 users/events	DD3	50 \$	175 \$
A1DD8		8000 usestr/events	DD8	57 \$	182 \$
A1DD16		16000 users/events	DD16	75 \$	200 \$
A1DD32		32000 users/events	DD32	116 \$	241 \$
A1DD64		64000 users/events	DD64	150 \$	275 \$

**2.4. Up to 32 doors per one controller**

A1DM0	Access control up to 32 doors, 32 barries and 32 gates. 150 - 64000 users/events EEROM. 64 access schedules, 11 types of access, 3 timeslots for a day. Control of two sensors. Two NO / NC relay. The door emergency opening.	150 users/events	DM0	55 \$	180 \$
A1DM1		1000 users/events	DM1	62 \$	187 \$
A1DM3		3000 users/events	DM3	70 \$	195 \$
A1DM8		8000 usestr/events	DM8	77 \$	202 \$
A1DM16		16000 users/events	DM16	95 \$	220 \$
A1DM32		32000 users/events	DM32	136 \$	261 \$
A1DM64		64000 users/events	DM64	170 \$	295 \$

**2.5. Door, gate (managing motor lock)**

A1DU0	Access control for door, barrie and gate with managing motor lock. 150 - 64000 users/events EEROM. 64 access schedules, 11 types of access, 3 timeslots for a day. Antipassback. Control of two pass sensors. Two NO / NC relay. The door emergency opening.	150 users/events	DU0	35 \$	160 \$
A1DU1		1000 users/events	DU1	42 \$	167 \$
A1DU3		3000 users/events	DU3	50 \$	175 \$
A1DU8		8000 usestr/events	DU8	57 \$	182 \$
A1DU16		16000 users/events	DU16	75 \$	200 \$
A1DU32		32000 users/events	DU32	116 \$	241 \$
A1DU64		64000 users/events	DU64	150 \$	275 \$

**2.6. Door, barrier and gate by card and PIN-code identification**

A1DP1	Access Control Controller for door, barrier and gate by card and PIN-code identification.	1000 users/events	DP1	187 \$	312 \$
A1DP3		3000 users/events	DP3	205 \$	330 \$

A1DP8	1000 - 64000 users/events EEROM. 64 access schedules, 11 types of access, 3 timeslots for a day. Antipassback. Control of two sensors pass. Two NO / NC relay: for door control and siren. Emergency opening of the door.	8000 users/events	DP8	242 \$	367 \$
A1DP16		16000 users/events	DP16	262 \$	387 \$
A1DP32		32000 users/events	DP32	312 \$	437 \$
A1DP64		64000 users/events	DP64	375 \$	500 \$
<b>2.7. Turnstile, gate, barrier (2 relays)</b>					
A1T1	Access control for turnstile, gate, barrier (2 relays). 1000 - 64000 users/events EEROM. 64 access schedules, 11 types of access, 3 timeslots for a day. Antipassback. Control of 2 pass sensors. 2 NO/NC relays: for entry and exit. Emergency opening of the pass point.	1000 users/events	T1	20 \$	145 \$
A1T3		3000 users/events	T3	25 \$	150 \$
A1T8		8000 users/events	T8	30 \$	155 \$
A1T16		16000 users/events	T16	37 \$	162 \$
A1T32		32000 users/events	T32	100 \$	225 \$
A1T64		64000 users/events	T64	150 \$	275 \$
<b>2.8. Turnstile, gate, barrier with Card Slot</b>					
A1TC1	Access control for turnstile, gate, barrier (2 relays) with the card slot. 1000 - 64000 users/events EEROM. 64 access schedules, 11 types of access, 3 timeslots for a day. Antipassback. Control of 2 pass sensors. 2 NO/NC relays: for door control and siren. Emergency opening of the pass point.	1000 users/events	TC1	50 \$	175 \$
A1TC3		3000 users/events	TC3	75 \$	200 \$
A1TC8		8000 users/events	TC8	240 \$	365 \$
A1TC16		16000 users/events	TC16	250 \$	375 \$
A1TC32		32000 users/events	TC32	335 \$	460 \$
A1TC64		64000 users/events	TC64	435 \$	560 \$
<b>2.9. Lift</b>					
A1L1	Access control system for an elevator. 1000 - 64000 users / events. Management and on the floors inside the cab of card access. One controller supports up to 11 floors. Emergency shutdown.	1000 users/events	L1	314 \$	439 \$
A1L16		16000 users/events	L16	444 \$	569 \$
A1L32		32000 users/events	L32	534 \$	659 \$
A1L64		64000 users/events	L64	586 \$	711 \$
<b>2.10. Sluice</b>					
A1C1	Access Control for sluice (2 doors) with weight, explosive, meta controll. 1000-64000 users/events. 64 access schedules, 11 types of access, 3 slots for a day. Antipassback. Control of 2 pass sensors. 2 NO / NC relays. Emergency opening of the door.	1000 users/events	C1	333 \$	458 \$
A1C16		16000 users/events	C16	432 \$	557 \$
A1C32		32000 users/events	C32	528 \$	653 \$
A1C64		64000 users/events	C64	634 \$	759 \$
A1DC1	Access Control for sluice (2 controllers for 2 doors) without weight, explosive, meta controll. 1000-64000 users/events. 64 access schedules, 11 types of access, 3 slots for a day. Antipassback. Control of 2 pass sensors. 2 NO / NC relays. Emergency opening of the door.	1000 users/events	CL1	129 \$	254 \$
A1DC16		16000 users/events	CL16	237 \$	362 \$
A1DC32		32000 users/events	CL32	337 \$	462 \$
A1DC64		64000 users/events	CL64	375 \$	500 \$
<b>2.11. Door, gate, barrier with two-way, two-color traffic light control</b>					
A1G1	Access Control for door, gate, barrier with two-way, two-color traffic lights control. 1000-64000 users/events. 64 access schedules, 11 types of access, 3 timeslots for a day. Antipassback. Control of 2 pass sensors. 2 NO/NC relays. Emergency opening of the access point. Managing two-color two-way traffic lights.	1000 users/events	G1	50 \$	175 \$
A1G3		3000 users/events	G3	150 \$	275 \$
A1G8		8000 users/events	G8	240 \$	365 \$
A1G16		16000 users/events	G16	325 \$	450 \$
A1G32		32000 users/events	G32	337 \$	462 \$
A1G64		64000 users/events	G64	435 \$	560 \$
<b>3. Burglar and Fire alarm, extinguishing and warning systems</b>					
<b>3.1. Burglar Alarm</b>					
A1S1	Addressable Buglar Alarm. 2 addressable lines with loop structure possibility. 32 or 64 addresses. 4000 events/users EEROM. Relay for siren and relay for monitoring station. Control for engineering equipment, 96 internal reactions of the controller. The power supply control and the low voltage battery failure protection. Tamper.	32 adress	S1	8 \$	133 \$
A1S2		64 adress	S2	25 \$	150 \$
<b>3.2. Fire Alarm</b>					
A1F1	Addressable Fire Alarm. 2 addressable lines with loop structure possibility. 32 or 64 addresses. 4000 events/users EEROM. Relay for siren and relay for monitoring station. Control for engineering equipment, 96 internal reactions of the controller. The power supply control and the low voltage battery failure protection. Tamper.	32 adress	F1	8 \$	133 \$
A1F2		64 adress	F2	25 \$	150 \$
A1FF	Addressable Fire Alarm. Addressable line 127 addressable detectors, connected by 2 wires . 4000 events/users EEROM. Relay for siren and relay for monitoring station. The power supply control and the low voltage battery failure protection. Tamper.	127 adress	FF	57 \$	182 \$
<b>3.3. Burglar and Fire Alarm</b>					
A1SF1	Addressable Buglar and Fire Aalarm. 2 addressable lines with loop structure possibility. 32 or 64 addresses. 4000 events/users EEROM. Relay for siren and relay for monitoring station. Control for engineering equipment, 96 internal reactions of the controller. The power supply control and the low voltage battery failure protection. Tamper.	32 adress	SF1	50 \$	175 \$
A1SF2		64 adress	SF2	90 \$	215 \$
<b>3.4. Fire alarm, extinguishing and warning system</b>					
A1FE1	Addressable Fire Alarm Control c firefighting, smoke exhaust and address notification. Two address lines to the possibility of data loopback line 32/64 addresses. Non-volatile memory 4000 events / users. Relay control siren and relay to the monitoring station. Automation control equipment, 96 internal reactions of the controller. Control of the network and the level of battery charge. Tamper.	32 adress	FE1	86 \$	211 \$
A1FE2		64 adress	FE2	125 \$	250 \$
<b>3.5. Burglar and Fire Alarm, Extinguishing and Warning Systems</b>					
A1SFE1	Address fire alarm control c firefighting, smoke exhaust and address notification. Two addressable lines to the possibility of data loopback line 32/64 addresses. Non-volatile memory 4000 events / users. Relay control siren and relay to the monitoring station. Automation control equipment, 96 internal reactions of the controller. Control of the network and the level of battery charge. Tamper.	32 adress	SFE1	142 \$	267 \$
A1SFE2		64 adress	SFE2	245 \$	370 \$
<b>II. Remote Control for Buglary, Fire Alarm and Extinguishing</b>					
RC100	Remote Control and display, monitor the status of Buglary, Fire Alarm and Extinguishing, issuing visual and audio information on alarm. Built-in card reader controller. Multilingual version (optional).				216 \$

III. Converters		
CEM	TCP/IP Converter - board for connection by the LBUS up 256 (32 recommended) L4, A1 controllers.	76 \$
CEMP	TCP/IP Converter - board for connection by the LBUS up 256 (32 recommended)L4, A1 controllers. Provides hardware-based Antipassback.	227 \$
CLEMP	TCP/IP Converter for connection by the LBUS up 256 (32 recommended)L4, A1 controllers. Provides hardware-based Antipassback.	117 \$
KLU	USB License Key	269 \$
IV. Readers		
PLR3EH	EM-Marin and HID Proximity card reader (interface is Touch Memory/Wiegand-26). 2 readers synchronization. Mounts directly onto metal. For indoor or outdoor use. Indication: light, sound. Housing - ABS. Colors - gray, black.	63 \$
PLR2M	MiFire Proximity card reader (interface is Touch Memory/Wiegand-26). 2 readers synchronization. Mounts directly onto metal. For indoor or outdoor use. Indication: light, sound. Housing - ABS. Colors - gray, black.	80 \$
Matrix IV RF	433,92 MHz keyrings reader (interface is Touch Memory/Wiegand-26). For indoor or outdoor use. Indication: light, sound. Housing - ABS. Color - black.	113 \$
Z2	USB card reader (EM-Marin, MiFire and HID).	78 \$
Z2 EHR	USB reader (EM-Marin, MiFire and HID, 433,92 MHz keyrings).	108 \$
CH2EH	Addressable reader of presence proximity card (EM-Marin and HID). Use indoors Control and Automation. Housing - white ABS plastic.	70 \$
V. Addressable micromodules		
DIF	Security loop control (open, short, normal, alarm).	9 \$
FIRE	Fire loop control (open, short, normal, fire). (open, short, normal, alarm)	8 \$
HMD	Humidity control. Measuring range from 0 to 98%	37 \$
TMP	Temperature control. Measuring range from -35 ° C to +80 ° C. Accuracy of 1 ° C	19 \$
DTR	Converter to connect the reader with Touch Memory interface to the bus LMICRO.	9 \$
DTW	Converter to connect the reader with Wiegand-26 interface to the bus LMICRO.	9 \$
DGV	Dry contact control integrated with Transistor output TTL (U = 5 V DC, I = 15 mA)	7 \$
DGR	Solid state relay (U = 60 V DC, I = 1,5 A) integrated with Dry contact control.	20 \$
DGT	Transistor key open collector (U = 60 V DC, I = 0,5 A) integrated with Dry contact control.	11 \$
DLV	Control of voltage on the connected device (logical "0" = 0 ... 0.5 V logic "1" = 3.6 ... 27 V) integrated with Transistor output TTL (U = 5 V DC, I = 15 mA)	7 \$
DLR	Solid state relay (U = 60 V DC, I = 1,5 A) integrated withControl of voltage on the connected device (logical "0" = 0 ... 0.5 V logic "1" = 3.6 ... 27 V). Solid state relay (U = 60 V DC, I = 1,5 A).	20 \$
DLT	Transistor key open collector (U = 60 V DC, I = 0,5 A) integrated with Control of voltage on the connected device (logical "0" = 0 ... 0.5 V logic "1" = 3.6 ... 27 V)	11 \$
LAC	Threshold control the light level when light falls below and rises above each threshold gives rise to two different events, Operates with L6 series controllers and A1 universal platform.	18 \$
VI. Optional equipment		
PB10 <sup>2</sup>	The power unit: 275 × 235 × 95 mm with a stabilized power supply. Disabling peripherals devices for V <10 V Usually used with A1 controller.	137 \$
FB1 <sup>2</sup>	The enclosure for the open fire alarm system 400x410x95 mm without power supply. Used for A1 controllers	63 \$
APS1	Stabilized power supply +12V, 2 channels 1,6A each, 0,5A for controller. Control the charging current, disabling peripheral devices for V <10 V. It is addressable with A1. Plastic housing 120x114x55 mm. DIN-rail mounting.	128 \$
GC	GSM GPRS module for the organization to channel A1 and voice informing about events. External antenna. Maximum current - 1 A.	125 \$
IPS	Localizer for electrically isolate sections of information MICROP bus from shorting. LED displaying modes.	125 \$
4R	Expansion module (4 relays with NO contacts) for A1S/F/SF/SFE/H controllers	100 \$
F127	Expansion module for connection up to 127 fire detectors to A1FF	27 \$
2S2R	Expansion module (2 relays with NO contacts, 2 Dry contact control)	47 \$
4S2R	Expansion module (4 relays with NO contacts, 2 Dry contact control)	47 \$
MA1	The communication signals Amplifier for LBUS	34 \$
TWT	2-channel interface converter from Wiegand-26 to Touch Memory (emulation DS1990A)	36 \$
EMI 18	Executive addressable module provides control of two independent NO-NC relay. Switching voltage up to 18 V DC Switching current relay - 2A	26 \$
EMI 36	Executive addressable module provides control of two independent NO-NC relay. Switching voltage up to 36 V DC Switching current - 1A	28 \$
EMI 220	Executive addressable module provides control of two independent NO-NC relay. Switching voltage up to 220 V AC Switching current - 0.5 A	32 \$
DHV10H	Addressable board with NO-NC relay 220V up to 10A and input for control of "dry contacts". Instolled to Plasterboard Box	26 \$
DHV10	Addressable module with NO-NC relay 220V up to 10A and input for control of "dry contacts". Housing ABS.	27 \$
EMR	Converter to connect the reader with Touch Memory interface to the LMICRO bus. Housing ABS.	26 \$
VII. Guard Tour System Walkmate		
XT	Guard Tour System Device XT-4 with case. Warranty - 1 year.	285 \$
CP <sup>2</sup>	Touch Memory Key (iButton) and Steel Mount	4 \$
SWA <sup>3</sup>	Software Octagram Flex with MS Access base (network version) + interface cable TC5 (USB-).	141 \$
SWQ <sup>3</sup>	Software Octagram Flex with MS SQL Server base (network version) + interface cable TC5 (USB-).	439 \$
RCON XT	License for one additional remote workplace. Network client software. All the functions of the server to the remote site.	48 \$
CLE HT	TCP/IP Converter for reading information from XT and Ethernet transmission. Operate Octagram Flex 5.1.	130 \$
WMC	Additional cover for XT	24 \$

## VIII. Sets Octagram

Start	Starter equipment kit for the access control system for electromagnetic locks, latches, turnstiles, gates, barrier, barrier. The kit includes: a controller A1R with appropriate firmware and onboard TCP/IP converter, two readers PLR3EH, power supply SKAT-1200B (for Door kit only), Octagram Flex Software. Optionally supplied with all necessary terminal equipment. Using sets of Start allows you to organize access control for 150 users only.	Door	Control of electromagnetic lock or latch	300 \$
		T	The turnstile control	300 \$
		Gate	Control of gate or barrier	300 \$
Time	Time attendance system. Is based on the controller with built-in reader. Can be use as "stand-alone". The kit includes Octagram Flex Software for 150 users.			187 \$
<b>Demo BOX</b>				
DC5	Display stand in the bag with the equipment installed: Controller A1, readers PLR3EH and CH2EH, fire detector sensor with Fire, system emulation of access points "Door" systems, blocking leaks, ventilation, lighting control. Imitation control for sensor and reader presence.			615 \$
<b>Octagram Flex Software (VAT not included) <sup>4</sup></b>				
DEMO	Octagram Flex Software (demo version) based to MS Access. Up to 5 controllers, up to 5 users, up to 10 active plans nested objects, the module local reactions, scripting, system commands, operational reports, reports on hours worked, integration with video servers, video and photo identification.			62 \$
ECO <sup>4</sup>	Economy Octagram Flex Software based to MS Access. Up to 5 controllers, up to 150 employees, up to 10 active plans nested objects, the module local reactions, scripting, system commands, operational reports, reports on hours worked, integration with video servers, video and photo identification.	Access Control only		114 \$
		Alarm system only		78 \$
		Integrated Security System		177 \$
CLASS <sup>4</sup>	Classic Octagram Flex Software based to MS Access. Up to 16 controllers, up to 10 active plans nested objects, the module local and global responses, scripts, system commands, operational reports, reports on hours worked, integration with video servers, video and photo identification + 1 license for a remote workplace	<150 users		214 \$
		<500 users		292 \$
LUX <sup>4</sup>	Lux Octagram Flex Software based to SQL Express. Up to 10 active plans nested objects, the module local and global, scripts, system commands, operational reports, reports on hours worked, integration with video servers, video and photo identification + 1 license for a remote workplace. Freeware Microsoft SQL Server 2008 R2 RTM - Express is downloaded from the Microsoft website	< 32 controllers	I: < 1 000 users	352 \$
			II: <3 000 users	474 \$
		< 64 controllers	III: <1 000 users	449 \$
			IV: < 3 000 users	600 \$
SUPER SQL <sup>4</sup>	Super SQL Octagram Flex Software based to MS SQL Server. Up to 10 active plans nested objects, the module local and global responses, scripts, system commands, operational reports, reports on hours worked, integration with video servers, video and photo identification, the possibility of building a system with a single point to manage multiple DB + 1 license for the remote workstation place. Upgrade to MS SQL SERVER STANDARD DELIVERY IS NOT INCLUDED.	< 64 controllers	I: <4 000 users	998 \$
			II: <8 000 users	1 307 \$
			III: <16 000 users	1 678 \$
			IV: <32 000 users	2 043 \$
			V: >32 000 users	2 323 \$
		<128 controllers	VI: <4 000 users	1 523 \$
			VII: <16 000 usrs	1 925 \$
			VIII: <32 000 usrs	2 280 \$
			IX: <64 000 usrs	2 724 \$
			X: <128 000 usrs	3 138 \$
		>128 controllers	XI: >128 000 usrs	CALL
XII: <32 000 usrs	2 556 \$			
XIII: <64 000 usrs	2 997 \$			
XIV: <128 000 usrs	3 319 \$			
XV: >128 000 usrs	CALL			
RCON	The license for the remote workstation. Network client software. All the functions of the server to the remote site			137 \$

<sup>0</sup>VAT not included

<sup>1</sup>VAT not included for all A1 firmware

<sup>2</sup>Affiliate discount does not apply

<sup>3</sup>The software operates quantity of equipments that is specified in the license.

<sup>4</sup>The number of equipments that are connected by a single license is defined as the total acquired for the project.

Warranty - 2 years

Free specialists training in company office or by Skype

Please, check prices, compatibility information: +7 495 308 0064, 8 800 775 9627 or email: sales@octagram.ru