bring up the future
octagram

Article	Description		price €_
	I. Controller		
A1S	Universal Platform. 2 relays (up to 60V, 2 A). ABS plastic box 95(145)x90x48 mm, DIN-rail. Usup = 10-15 V DC. Power suply control**		191
	II. Additional modules and equipment		
CE	LBUS -TCP/IP Converter board (install inside A1). Collect up to 256 controllers.		98
APS1	Addressable Stabilized Power Source: 2 channels 12V/1,25A, 1 channel 12V/0,35A, accumulator charger. ABS plastic box 95x118x54 mm, DIN-rail. Charge control and switch off two 1,5 A channels when Uacc<10 V.		155
S4R2	Expander Module 2 inputs, 2NO relay (install inside A1, Umax = 30 V DC, Imax = 0,5 A).		70
S4R2	Expander Module 4 inputs, 2NO relay (install inside A1, Umax = 30 V DC, Imax = 0,5 A).		80
	III. A1 firmware		
	3.1 Universal fanctions		
U0	Universal functions: Access Control, Fire & Burglary Alarm and Automation. 1000-64000 keys/events EEROM, LMICRO line with 8-32 addresses, 8-64 inside reactions and timers.	1 000/8/8	84
U8		8000/16/16	154
U32		32000/32/32	291
U64		64000/32/64	380
	3.2 Access Control Systems		
	3.2.1 Door, Gate, Barier		
D0	Access Control (Door, Gate, Barier) 64 access groups, 10 types of pass, 3 time intervals a day. Antipasback function, 2 inputs for detectors.	150 users	23
D1		1000 users	72
D3		3000 users	128
D8		8000 users	212
D16		16000 users	298
D32		32000 users	506
D64		64000 users	688
	3.2.2 Turnstil , Barier		
T1	Access control for turnstile, gate, barrier - separately managing each direction by own relay. 1000 - 64000 users/events EEROM. 64 access schedules, 11 types of access, 3 timeslots for a day. Antipassback function,. Control of 2 pass sensors. 2 NO/NC relays: for entry and exit. Emergency opening of the pass point.	1000 users	152
T3		3000 users	208
T8		8000 users	292
T16		16000 users	378
T32		32000 users	586
T64		64000 users	758
	3.2.3 Turnstil , Barier with Cardholder Box		
TC1	Access control for turnstile, gate, barrier (2 relays) with Cardholder Box . 1000 - 64000 users/events EEROM. 64 access schedules, 11 types of access, 3 timeslots for a day. Antipassback function,. Control of 2 pass sensors. 2 NO/NC relays: for entry and exit. Emergency opening of the pass point.	1000 users	318
TC3		3000 users	406
TC8		8000 users	579
TC16		16000 users	899
TC32		32000 users	1 073
TC64		64000 users	1 280
	3.2.4 Gate with traffic light		
G1	Access Control for door, gate, barrier with traffic lights control. 1000-64000 users/events. 64 access schedules, 11 types of access, 3 timeslots for a day. Antipassback function,. Control of 2 pass sensors. 2 NO/NC relays. Emergency opening of the access point. Managing two-color two-way traffic lights.	1000 users	318
G3		3000 users	406
G8		8000 users	579
G16		16000 users	899
G32		32000 users	1 073
G64		64000 users	1 280
	3.2.5 Sluice		
CL1	Access Control for sluice. 1000-64000 users/events. 64 access schedules, 11 types of access, 3 slots for a day. Antipassback function,. Control of 2 pass sensors. 2 NO / NC relays. Emergency opening of the door.	1000 users	358
CL3		3000 users	456
CL8		8000 users	679
CL16		16000 users	849
CL32		32000 users	1 123
CL64		64000 users	1 320
	3.2.6 Lift		
L1	Access control system for a lift. 1000 -64000 users / events. Access management by card on the floors and inside the cab. One controller supports up to 11 floors	1000 users	758
L3		3000 users	856
L8		8000 users	979
L16		16000 users	1 049
L32		32000 users	1 723
L64		64000 users	2 120
	3.3 Buglar Alarm		
A1	Addressable Buglar Alarm. 2 addressable lines with loop structure possibility. 32 or 64 addresses. 64000 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 addresses	34
A2		64 addresses	261
	3.4 Fire Alarm		
F1	Addressable Fire Alarm. 2 addressable lines with loop structure possibility. 32 or 64 addresses. 64000 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 addresses	63
F2		64 addresses	308
	3.5 Buglar and Fire Alarm		
AF1	Addressable Buglar and Fire Alarm and Warning System. 2 addressable lines with loop structure possibility. 32 or 64 addresses. 64000 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 addresses	126
AF2		64 addresses	398
	3.6 Fire Alarm, Extinguishing and Warning System		
FE1	Addressable Fire Flarm Control with Firefighting and Warning System, smoke exhaust and address notification. Two addressable lines to the possibility of data loopback line 32/64 addresses. Non-volatile memory 64000 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 addresses	261
FE2		64 addresses	695
	3.7 Buglar, Fire Alarm, Extinguishing and Warning System		
SFE1	Addressable Fire Flarm Control c Firefighting and Warning System, smoke exhaust and address notification. Two addressable lines to the possibility of data loopback line 32/64 addresses. Non-volatile memory 64000 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 addresses	291
SFE2		64 addresses	785

** The box length with contacts caver.*

******* In case APS1-12 as the main power source using.*

Warranty - 10 years

Free of charge engineering staff training

bring up the future
octagram

Octagram Software price (€)

Quantity controllers in the system	Quantity key/events in the system								
	< 150	<1 000	< 3 000	< 8 000	< 16 000	< 32 000	< 64 000	< 128 000	> 128 000
< 5	146 *	1 406	1 712	2 036	2 513	3 017	4 880	6 718	8 590
< 16	1 505	2828**	2 900	3 847	4 421	5 033	6 826	8 734	10 696
< 32	3 052	4 250	4 601	5 548	6 122	7 040	8 932	10 759	12 685
< 64	4 558	5 674	6 311	7 249	8 120	9 085	10 948	12 766	14 638
< 128	6 050	7 096	7 844	8950 ***	9 841	11 081	12 946	14 782	16 654
< 256	7 555	8 536	9 436	10 631	11 720	13 007	14 962	16 742	18 670
< 512	9 076	9 931	11 450	12 341	13 288	15 113	16 971	18 814	20 686
< 1024	10777	11 360	12 620	14 051	15 853	17 167	18 922	20 859	22 792
< 2048	12 080	12 784	14 755	15 754	17 347	19 165	21 008	22 846	24 718
> 2048	13 585	14 204	15 854	17 455	19 336	21 161	23 024	24 862	26 743

Used databases:

*	MS Access.
**	SQL Express
***	MS SQL Server