Version 4.0.3 Acre's SPCevo Technical Data Matrix



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	Туре	SPC42 Main product	SPC52 License upgrade via SPC Connect	SPC53 Main product	SPC63 License upgrade via SPC Connect
	Areas	4	16	16	60
	Supported Zones max. (wired & wireless) Number of on-board zones	40 8	128 8	128	512 8
	EOL resistor	Dual 4k7 (default), other resistor combinations	Dual 4k7 (default), other resistor combinations	Dual 4k7 (default), other resistor combinations	Dual 4k7 (default), other resistor combinations
	Supported Outputs max.	configurable 30	configurable 128	configurable 128	configurable 512
	Outputs on PCB	6	6	6	6
	Number of on-board relays	2 x 30V/3A resistive switching current	2 x 30V/3A resistive switching current	2 x 30V/3A resistive switching current	2 x 30V/3A resistive switching current
	Number of on-board open coll.	2 internal/external bell, 2 freely programmable (each supplied via auxiliary output)	2 internal/external bell, 2 freely programmable (each supplied via auxiliary output)	2 internal/external bell, 2 freely programmable (each supplied via auxiliary output)	2 internal/external bell, 2 freely programmable (each supplied via auxiliary output)
	Log Intrusion	1000	10000	10000	10000
	Log Access	1000	10000 32	10000 32	10000 64
	Calendars Triggers	8	32 512	32 512	1024
	Mapping Gates	8	128	128	512
	Virtual Zones	4	20	20	100
	Supported Active languages / System Security Grade	EN + 4 Grade 2	EN + 4 Grade 2	EN + 4 Grade 3	EN + 4 Grade 3
	Power supply	Type A (per EN50131-1)	Type A (per EN50131-1)	Type A (per EN50131-1)	Type A (per EN50131-1)
	Mains voltage	230V AC, + 10%/ -15%, 50Hz	230V AC, + 10%/ -15%, 50Hz	230V AC, + 10%/ -15%, 50Hz	230V AC, + 10%/ -15%, 50Hz
	Mains fuse	500mA T (replaceable part on mains terminal block)	500mA T (replaceable part on mains terminal block)	500mA T (replaceable part on mains terminal block)	500mA T (replaceable part on mains terminal block)
	Quiescent current min	38mA at 230V AC	38mA at 230V AC	38mA at 230V AC	38mA at 230V AC
	Quiescent current max	135mA at 12V DC 13,8V DC in normal conditions (mains powered and fully	135mA at 12V DC	135mA at 12V DC 13,8V DC in normal conditions (mains powered and fully	135mA at 12V DC 13,8V DC in normal conditions (mains powered and full)
	Output voltage	charged battery), min. 10V DC when powered by	charged battery), min. 10V DC when powered by	charged battery), min. 10V DC when powered by	charged battery), min. 10V DC when powered by
	output vottage	secondary device (before system shut down to battery deep discharge protection)	secondary device (before system shut down to battery deep discharge protection)	secondary device (before system shut down to battery deep discharge protection)	secondary device (before system shut down to battery deep discharge protection)
Controller details	Low voltage trigger	7.5V DC	7.5V DC	7.5V DC	7.5V DC
	Overvoltage protection	14,75V DC	14,75V DC	14,75V DC	14,75V DC
	Peak to Peak ripple	Max. 5% of output voltage CN14/CN12: max 1500mA at 12V DC	Max. 5% of output voltage CN14/CN12: max 1500mA at 12V DC	Max. 5% of output voltage CN14/CN12: max 1500mA at 12V DC	Max. 5% of output voltage CN14/CN12: max 1500mA at 12V DC
	Auxiliary power (nominal)	EXT+: 1000mA	EXT+: 1000mA	EXT+: 1000mA	EXT+: 1000mA
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	INT+: 560mA CN15: max 560mA at 12V DC	INT+: 560mA CN15: max 560mA at 12V DC	INT+: 560mA CN15: max 560mA at 12V DC	INT+: 560mA CN15: max 560mA at 12V DC
	Supported battery capacity	7Ah	7Ah	17Ah	17Ah
	Battery type (Battery not supplied)	YUASA NP7-12FR (12V/7Ah) - NF PowerSonic PS1270 (12V/7Ah)	YUASA NP7-12FR (12V/7Ah) - NF PowerSonic PS1270 (12V/7Ah)	YUASA NP17-12FR (12V/17Ah) - NF YUASA Yucel Y17-12IFR (12V/17Ah)	YUASA NP17-12FR (12V/17Ah) - NF YUASA Yucel Y17-12IFR (12V/17Ah)
		YUASA Yucel Y7-12FR (12V/7Ah)	YUASA Yucel Y7-12FR (12V/7Ah)	PowerSonic PS12170 (12V/17Ah)	PowerSonic PS12170 (12V/17Ah)
	Battery charger	Max. 72h to 80% of battery capacity Current limited to 3A (fuse protected), deep discharge	Max. 72h to 80% of battery capacity Current limited to 3A (fuse protected), deep discharge	Max. 24h to 80% of battery capacity Current limited to 3A (fuse protected), deep discharge	Max. 24h to 80% of battery capacity Current limited to 3A (fuse protected), deep discharge
	Battery protection	protection at 10V DC	protection at 10V DC	protection at 10V DC	protection at 10V DC
		+/- 3%	+/- 3%	+/- 3%	+/- 3%
	Tamper contact	Front spring tamper, 2 auxiliary tamper contact inputs	Front spring tamper, 2 auxiliary tamper contact inputs	Front spring tamper, 2 auxiliary tamper contact inputs	Front spring tamper, 2 auxiliary tamper contact inputs
	Bootup time before fully operational Software update	< 15 sec Local and remote upgrade for controller, peripherals and	< 15 sec Local and remote upgrade for controller, peripherals and	< 15 sec Local and remote upgrade for controller, peripherals and	< 15 sec Local and remote upgrade for controller, peripherals and
	Sortware update	GSM/PTSN modems.	GSM/PTSN modems.	GSM/PTSN modems.	GSM/PTSN modems.
	Calibration	No calibration checks required (calibrated at manufacturing)	No calibration checks required (calibrated at manufacturing)	No calibration checks required (calibrated at manufacturing)	No calibration checks required (calibrated at manufacturing)
	Serviceable parts	500mA T (replaceable part on mains terminal block)	500mA T (replaceable part on mains terminal block)	500mA T (replaceable part on mains terminal block)	500mA T (replaceable part on mains terminal block)
	Operating temperature	-10 to +55°C	-10 to +55°C	-10 to +55°C	-10 to +55°C
	Relative humidity	Max. 93% (non condensing)	Max. 93% (non condensing)	Max. 93% (non condensing)	Max. 93% (non condensing)
	Colour Weight	RAL 9003 (signal white) 3.480kg	RAL 9003 (signal white) 3.480kg	RAL 9003 (signal white) 5.380kg	RAL 9003 (signal white) 5.380kg
	Dimensions (W x H x D)	264 x 357 x 81mm	264 x 357 x 81mm	326 x 415 x 114mm	326 x 415 x 114mm
	IP rating	30	30	IP30/IK06	IP30/IK06
	Housing Housing can contain up to	Small metal housing (1.2mm mild steel) 1 additional expander (size 150 x 82mm)	Small metal housing (1.2mm mild steel) 1 additional expander (size 150 x 82mm)	Hinged metal housing (1.2mm mild steel) 4 additional expanders (size 150 x 82mm)	Hinged metal housing (1.2mm mild steel) 4 additional expanders (size 150 x 82mm)
	Users	100	500	500	2500
	Paces	32	250	250	250
User credentials	Access Cards SMS	100	500 50	500 50	2500 100
	Web passwords	32	50	50	
	User Profiles				100
		100	100	100	100
Connectivity	Web server	embedded	100 embedded	embedded	100 embedded
	Web server RS232 USB interface	embedded 1	embedded 1	embedded 2	100 embedded 1
	R\$232	embedded		embedded	100 embedded
	RS232 USB interface Ethernet 100Mbits full duplex Ethernet (RJ45) X-Bus interface	embedded 1 1 (micro USB) 1 2	embedded 1 1 (micro USB) 1 2	embedded 2 1 (micro USB) 1 1 2	100 embedded 1 1 1 (micro USB) 1 2 2
	RS232 USB interface Ethernet 100Mbits full duplex Ethernet (RJ45) X-Bus interface X-Bus devices max.	embedded 1 1 (micro USB) 1 (2 1 11	embedded 1 1 (micro USB) 1 (micro USB) 2 48	embedded 2 2 1 (micro USB) 1 2 2 2 4 4 8	100 embedded 1 1 (micro USB) 1 2 128
X-Bus	RS232 USB interface Ethernet 100Mbits full duplex Ethernet (RJ45) X-Bus interface	embedded 1 1 (micro USB) 1 2	embedded 1 1 (micro USB) 1 2	embedded 2 1 (micro USB) 1 1 2	100 embedded 1 1 1 (micro USB) 1 2 2
X-Bus	RS212 USB interface Ethernet (100Mbits full duplex Ethernet (RJ45) X-Bus interface X-Bus devices max. X-Bus devices max. X-Bus (10 devices X-Bus (10 devices	embedded 1 1 1 (micro USB) 1 2 2 111 4 5 5 5	embodsed 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	embedded 2 2 2 2 1 (micro USB) 1 1 2 2 48 16 16 16 16 16 16 16 16 16 16 16 16 16	100 embedded 1 1 (micro USB) 1 2 1 28 32 64
X-Bus	852/22 USB interface Ethernet (ONAbits full duplex Ethernet (RJ45) X-Bus interface X-Bus devices max. X-Bus keppads X-Bus interface X-Bus undput devices X-Bus output devices X-Bus output devices	embedded 1 1 1 1 (micro USB) 1 2 1 11 4 5 5 5 2 2	embedded 1 1 1 (micro USB) 1 2 4 8 16 16 16 16	embedded 2 2 1 (micro USB) 1 2 2 48 1 16 16 16 16 16 18 8	100 embedded 1 1 (micro USB) 1 2 128 32 64 64
X-Bus Access Control	RS222 USB interface Ethernet (10Mbbs full duplex Ethernet (RJ45) X-Bus interface X-Bus devices max. X-Bus kepads X-Bus V devices X-Bus odor expanders V-Bus door expanders V-Bus v devices V-Bus v devices V-Bus v devices	embedded 1 1 1 (micro USB) 1 2 2 111 4 5 5 5	embodsed 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	embedded 2 2 2 2 1 (micro USB) 1 1 2 2 48 16 16 16 16 16 16 16 16 16 16 16 16 16	100 embedded 1 1 (micro USB) 1 2 1 28 32 64
	852/22 USB interface Ethernet (ONAbits full duplex Ethernet (RJ45) X-Bus interface X-Bus devices max. X-Bus keppads X-Bus interface X-Bus undput devices X-Bus output devices X-Bus output devices	embedded 1 1 (micro USB) 1 2 11 4 5 5 6 2 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	emboded 1 1 (micro USB) 1 2 48 16 16 18 18 18 18	embedded 2 2 2 1 (micro USB) 1 1 2 2 48 48 16 16 16 8 8 16 8 16 8 8 16 8 16	100 embedded 1 1 (micro USB) 1 2 128 32 64 32 64 32 64 32 64
	85222 USB interface Ethermet (1058bits full duplex Ethernet (RJ45) X-Bus interface X-Bus declare max. X-Bus loopads X-Bus declare max. X-Bus loopads X-Bus output declare X-Bus output declare Doors only Entry Doors Entry Fett	embedded 1	embedded 1 1 (micro USB) 1 2 48 16 16 16 16 16 8 16 8 Mare, Classic 1k, Cotag, DESlire, EM4102, Wiegand	embedded 2 1 (micro USB) 1 2 48 16 16 56 8 16 Mare, Classio IK, Cotag, DESlire, EMM102, Wiegand	100 embedded 1 1 (micro USB) 1 2 128 32 64 64 64 32 64 MMare, Classic 1k, Cottg, DESire, EMM102, Wiegand
	85232 USB interface Ethernet (10Mbits full duplex Ethernet (RJ45) X-Bus interface X-Bus devices max. X-Bus kepads X-Bus devices max. X-Bus kepads X-Bus output devices X-Bus output devices 0.000 (Ferry	embedded 1 1 (micro USB) 1 2 11 4 5 5 6 2 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	emboded 1 1 (micro USB) 1 2 48 16 16 18 18 18 18	embedded 2 2 2 1 (micro USB) 1 1 2 2 48 48 16 16 16 8 8 16 8 16 8 8 16 8 16	100 embedded 1 1 (micro USB) 1 2 128 32 64 32 64 32 64 32 64
	BS232 USB interface Ethernet (100/Mbits full duplex Ethernet (RJ45) X-Bus interface X-Bus devices max. X-Bus kepads X-Bus upper devices X-Bus output devices X-Bus output devices Doors only Ertry Doors Entry Est Card readers max. Supported card technologies Wireless gateways Wireless gateways	embedded 1 1 1 (micro USB) 1 2 11 4 5 5 6 2 4 4 2 4 Milare, Classic 1k, Cotag, DeSire, EMH102, Wiegand (28 & 37 bits, HID Corp 1000	embodsed 1 1 1 (micro US8) 1 2 48 16 16 16 18 8 16 8 16 28 48 20 48 48 40 40 40 40 40 40 40 40 40 40 40 40 40	embedsed 2 2 1 (micro US8) 1 2 48 16 16 18 8 18 18 Mare, Classio 1K, Cotag, DeSire, EM4102, Wiegand (26 & 37 bits, HID Corp 100)	100 embedded 1 1 1 (micro USB) 1 2 128 32 64 64 32 64 32 64 32 64 Mfare, Classic 1k, Cottag, DESire, EM102, Wiegand (26 8. 37 bits, HID Corp 1000
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Access Control	BS232 USB interface Ethernet (100/Mbits full duplex Ethernet (RJ45) X-Bus interface X-Bus devices max. X-Bus kepads X-Bus upper devices X-Bus output devices X-Bus output devices Doors only Ertry Doors Entry Est Card readers max. Supported card technologies Wireless gateways Wireless gateways	embedded 1 1 1 (micro USB) 1 2 11 4 5 5 6 2 4 4 2 4 Milare, Classic 1k, Cotag, DeSire, EMH102, Wiegand (28 6.37 bits, HID Corp 1000	embodsed 1 1 1 (micro US8) 1 2 48 16 16 16 18 8 16 8 16 28 48 20 48 48 40 40 40 40 40 40 40 40 40 40 40 40 40	embedsed 2 2 1 (micro US8) 1 2 48 16 16 18 8 18 18 Mare, Classio 1K, Cotag, DeSire, EM4102, Wiegand (26 & 37 bits, HID Corp 100)	100 embedded 1 1 1 (micro USB) 1 2 128 32 64 64 32 64 32 64 32 64 Mfare, Classic 1k, Cottag, DESire, EM102, Wiegand (26 8. 37 bits, HID Corp 1000
Access Control	85232 USB interface Efferent (100Mbits full duplex Ethernet (RJ45) X-Bus interface X-Bus devices max. X-Bus keypads X-Bus devices max. X-Bus keypads X-Bus output devices X-Bus door apparders Ocors Entry Eth Card readers max. Supported card technologies Wireless spreaders Wireless keypads Wireless keypads Wireless supputed Wireless supput	embedded 1 1 1 (micro USB) 1 2 111 4 5 5 5 2 4 4 Milare, Classic 1k, Codg, Defts, EMH102, Wiegand (26 & 37 bits, HID Corp 1000 1 2 4 4 0 16 2 0	embodded 1 1 (micro US8) 1 2 48 16 16 16 16 18 8 18 18 18 18 18 48 40 19 18 40 40 41 41 44 44 46 16 46 46 46 46 46 46 46 46 46 46 46 46 46	embedded 2 1 (micro US8) 1 2 48 46 16 16 8 16 8 16 8 Mare, Classic 1k, Cotag, DeSfire, EM4102, Wiegand (28 & 37 bits. HID Corp 1000 14 4 4 4 64 16 64 16 20	100 embedded 1 1 1 (micro USB) 1 2 128 32 64 64 64 32 64 64 32 64 64 32 64 44 64 65 67 68 68 69 68 69 69 69 69 69 60 60 60 60 60 60 60 60 60 60 60 60 60
Access Control	85222 USB interface Ethernet (1058bits full duplex Ethernet (RJ45) X-Bus interface X-Bus decides max. X-Bus decides max. X-Bus decides max. X-Bus toppads X-Bus output decides X-Bus output decides X-Bus output decides X-Bus output decides USB decides X-Bus output decides X-Bus decides X-Bus decides X-Bus decides X-Bus output decides X-Bus decides X-Bu	embedded 1 1 (micro USB) 1 2 11 4 5 5 5 2 4 4 2 4 Meare, Classic IX, Costap, DEStive, EM4102, Wiegand (28 & 37 bits, HD Corp 1000 2 4 4 0 10 10 10 10 10 10 10 10 10 10 10 10 1	embedded 1 (micro USB) 1 (micro USB) 1 2 48 16 16 16 18 8 16 16 8 8 16 8 Mare, Classic 1k, Cotag, DEStire, EM4102, Wiegand (26 & 37 bis, 140 Corp 1000 4 4 4 64 16 20 on board	embedded 2 1 (micro USB) 1 2 48 16 16 18 8 16 8 16 Mfare, Classic 1K, Cotag, DESire, EM4102, Wiegand (26 & 37 bits, 101 Corp 1000 4 4 4 64 16 20 on board	100 embedded 1 1 1 (micro USB) 1 2 2 2 128 32 64 64 64 32 64 64 32 64 Mfare, Classic 1k, Coteg, DESie, EM102, Wiegand (26 & 37 bits, HD Corp 1000 1 4 4 64 66 16 20 on board
Access Control	85232 USB interface Efferent (100Mbits full duplex Ethernet (RJ45) X-Bus interface X-Bus devices max. X-Bus keypads X-Bus devices max. X-Bus keypads X-Bus output devices X-Bus door apparders Ocors Entry Eth Card readers max. Supported card technologies Wireless spreaders Wireless keypads Wireless keypads Wireless supputed Wireless supput	embedded 1 1 1 (micro USB) 1 2 111 4 5 5 5 2 4 4 Milare, Classic 1k, Codg, Defts, EMH102, Wiegand (26 & 37 bits, HID Corp 1000 1 2 4 4 0 16 2 0	embodded 1 1 (micro US8) 1 2 48 16 16 16 16 18 8 18 18 18 18 18 48 40 19 18 40 40 41 41 44 44 46 16 46 46 46 46 46 46 46 46 46 46 46 46 46	embedded 2 1 (micro US8) 1 2 48 46 16 16 8 16 8 16 8 Mare, Classic 1k, Cotag, DeSfire, EM4102, Wiegand (28 & 37 bits. HID Corp 1000 14 4 4 4 64 16 64 16 20	100 embedded 1 1 1 (micro USB) 1 2 128 32 64 64 64 32 64 64 32 64 64 32 64 44 64 65 67 68 68 69 68 69 69 69 69 69 60 60 60 60 60 60 60 60 60 60 60 60 60
Access Control 2-Way Wireless	85222 USS interface Ethernet (100Mbrts full duplex Ethernet (RJ45) X-Bus interface X-Bus decises max. X-Bus kepads X-Bus decises max. X-Bus kepads X-Bus outpar devices X-Bus door expanders Doors Entry Eth Card readers max. Supported card technologies Wirriess apparent Wirriess spreads Wirriess outpar devices max. Wirriess outpar devices max. Wirriess outpar devices max. Pf Bus max. P distant ETP / FlexC Internal moderns max. PFTI moderns max. PFTI moderns max. PFTI moderns max.	embedded 1 1 1 (micro USB) 1 2 11 4 5 5 5 2 4 4 Milare, Classic 1k, Code, DeStre, EM102, Wiegand (26 & 37 bits, HiD Corp 1000 12 4 4 00 16 20 00 boxed 2 1+1	embodded 1 1 (micro US8) 1 2 48 48 16 16 16 18 8 8 8 8 16 18 8 Mfare, Classic 1k, Cotag, DeSfire, EM4102, Wiegand (26 & 37 bits, HID Corp 1000 24 4 4 4 64 16 20 on board 2 1+1	embedded 2 1 (micro US8) 1 2 48 48 16 16 16 16 8 16 8 16 6 Mare, Classic 1k, Cotag, DeSfire, EM102, Wiegand (26 & 37 bits, HID Corp 1000 4 4 4 4 64 16 20 on board 2 1+1	100 embedded 1 1 1 (micro USB) 1 2 128 32 64 64 32 64 64 32 64 Mfare, Classic 1k, Cottsj, DEStre, EM4 102, Wiegand (26 & 37 bits, HID Corp 1000 1 1 4 4 64 66 20 on board 2 1+1 1+1
Access Control	85222 USB interface Ethernet (1058/bits full duplex Ethernet (RJ45) X-Bus interface X-Bus interface X-Bus interface X-Bus depends X-Bus depends X-Bus output devices X-Bus output devices X-Bus output devices X-Bus output devices X-Bus dover appenders Doors only Entry Doors Entry Fett Card readers max. Supported cards technologies Wireless geteverye Wireless geteverye Wireless defection max. Wireless defection max. Wireless defection max. FORB	embedded 1 1 1 (micro USB) 1 2 11 4 5 5 5 2 4 4 2 4 Milare, Classic 14, Costay, DESire, EM4102, Wiegand (28 & 37 bits, HID Corp 1000 15 4 4 0 0 10 10 10 10 10 10 11 11 11 11 11 11	embedded 1 1 1 (micro USB) 1 2 48 16 16 16 8 16 16 8 8 16 46 46 40 40 40 40 40 40 41 41 41 41 41 41 41 41 41 41 41 41 41	embedded 2 1 (micro USB) 1 2 48 16 16 16 8 16 8 16 8 Mfare, Classic 1k, Coteg, DESire, EM4102, Wiegand (26 & 37 bits, HID Corp 1000 4 4 4 4 5 10 00 board 2 1 + 1 1 + 1 5	100 embedded 1 1 (micro USB) 1 2 128 32 64 64 32 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 60 64 65 64 66 62 60 60 61 61 60 61 60 60 60 60 60 60 60 60 60 60 60 60 60
Access Control 2-Way Wireless	85222 USS interface Ethernet (100Mbrts full duplex Ethernet (RJ45) X-Bus interface X-Bus decises max. X-Bus kepads X-Bus decises max. X-Bus kepads X-Bus outpar devices X-Bus door expanders Doors Entry Eth Card readers max. Supported card technologies Wirriess apparent Wirriess spreads Wirriess outpar devices max. Wirriess outpar devices max. Wirriess outpar devices max. Pf Bus max. P distant ETP / FlexC Internal moderns max. PFTI moderns max. PFTI moderns max. PFTI moderns max.	embedded 1 1 1 (micro USB) 1 2 11 4 5 5 5 2 4 4 Milare, Classic 1k, Code, DeStre, EM102, Wiegand (26 & 37 bits, HiD Corp 1000 12 4 4 00 16 20 00 boxed 2 1+1	embodded 1 1 (micro US8) 1 2 48 48 16 16 16 18 8 8 8 8 16 18 8 Mfare, Classic 1k, Cotag, DeSfire, EM4102, Wiegand (26 & 37 bits, HID Corp 1000 24 4 4 4 64 16 20 on board 2 1+1	embedded 2 1 (micro US8) 1 2 48 48 16 16 16 16 8 16 8 16 6 Mare, Classic 1k, Cotag, DeSfire, EM102, Wiegand (26 & 37 bits, HID Corp 1000 4 4 4 4 64 16 20 on board 2 1+1	100 embedded 1 1 1 (micro USB) 1 2 128 32 64 64 32 64 64 32 64 Mfare, Classic 1k, Cottsj, DEStre, EM4 102, Wiegand (26 & 37 bits, HID Corp 1000 1 1 4 4 64 66 20 on board 2 1+1 1+1
Access Control 2-Way Wireless	ISS222 USS interface Ethernet (100Mbrts full duplex Ethernet (RJ45) X-Bus interface X-Bus decision max. X-Bus kepads X-Bus lovelose max. X-Bus kepads X-Bus output devices X-Bus door expenders Doors Entry Etit Card readers max. Supported card technologies Wirrieles selectors Wirrieles selectors max. Wirrieles devices max. belis/strobes (int./ext.) FOSs max. P diser EDP / FlexC Internal moderns max. LPSTN max no of supported ATS FlexC max no of supported ATS LPSC max no of supported ATS	embedded 1	embedded 1 (micro USB) 1 1 2 48 16 16 16 8 16 16 8 16 Mfare, Classic 1K, Cotag, DESlire, EM4102, Wiegand (26 & 37 bits, HD Corp 1000 14 4 64 16 20 on board 2 2 1 + 1 1 - 1 5	embedded 2 1 (micro USB) 1 2 48 16 16 16 8 16 16 8 16 Mare, Classic 1k, Cotag, DESlire, EM102, Wiegand (28 & 37 bits, HD Corp 1000 1 4 4 64 16 20 on board 21 1 + 1 5 15	100 embedded 1 (micro USB) 1 (micro USB) 1 2 128 32 64 64 64 32 64 Mfare, Classic 1k, Cotag, DESire, EM4102, Wiegand (26 & 37 bits, HID Corp 1000 1 4 64 64 16 17 18 18 19 19 10 10 11 11 11 10 10 30
Access Control 2-Way Wireless	85232 USB interface Efferreit (100Mbits full duplex Effermet (R345) X-Bus interface X-Bus devices max. X-Bus kepads X-Bus devices max. X-Bus kepads X-Bus dovelores X-Bus output devices X-Bus output devices X-Bus output devices X-Bus output devices X-Bus dovelores X-Wireless gateways Wireless setectors max. Wireless output devices max. bells/strobes (int./ext.) FOBs max. P-Bus dovelores X-Bus dov	embedded 1 1 1 (micro USB) 1 1 (micro USB) 1 2 111 4 5 5 6 2 4 2 4 2 4 Mfare, Classic 1t, Cotag, DEStre, EM4102, Wiegand (28 & 37 bits, HID Corp 1000 15 16 2 1 2 4 17 18 19 19 10 10 11 11 11 11 11 11 11 11 11 11 11	embodsed 1 1 1 (micro USB) 1 1 1 (micro USB) 1 1 2 48 48 48 16 16 8 8 16 8 16 8 8 16 40 40 40 40 41 40 41 41 41 41 41 41 41 41 41 41 41 41 41	embedded 2 2 1 (micro USB) 1 2 48 16 16 16 16 18 8 16 8 16 Mfare, Classic 1k, Cotag, DESirie, EM102, Wiegand (28 & 37 bits, FID Corp 1000 4 4 4 4 4 6 16 20 on board 2 1 1 - 1 5 5 15 10 50 8	100 embedded 1 1 1 (micro USB) 1 2 128 32 64 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 65 60 60 60 60 60 60 60 60 60 60 60 60 60
Access Control 2-Way Wireless	ISS212 USB interface Ethernet (00Mbits full duplex Ethernet (RJ45) X-Bus interface X-Bus devices max. X-Bus skepteds X-Bus devices X-Bus output devices X-Bus output devices X-Bus output devices X-Bus output devices USB output devices X-Bus output devices X-Bus output devices X-Bus output devices X-Bus done devices X-Bus output devices X-Bus done devices Wireless keypads Wireless keypads Wireless keypads Wireless keypads Wireless have devices max. Devices devices max. FORS max. De daler EDP. FranC Sternet moderns max. GSM moder	embedded 1	embedded 1 1 1 (micro USB) 1 2 48 16 16 16 16 8 16 16 8 16 16 8 Mfare, Classic 1k, Cotag, DEStire, EM4102, Wiegand (26 & 37 bits, HD Corp 1000 4 4 64 16 20 on board 2 1+1 1+1 5 15 10 50 8	embedded 2 1 (micro USB) 1 (micro USB) 1 2 48 16 16 16 18 8 16 16 8 16 Mfare, Classic 1k, Cotag, DESfire, EM4102, Wiegand (26 & 37 bis, HD Corp 1000 4 4 4 64 16 20 on board 2 1+1 1+1 5 5 15 10 50 8	100 embedded 1 1 (micro USB) 1 1 (micro USB) 1 2 128 32 64 64 64 32 64 64 32 64 64 44 65 4 66 65 10 10 10 10 10 10 10 10 10 10 10 10 10
Access Control 2-Way Wireless Transmission	ISS212 USB interface Ethernet (ONAbris full duplex Ethernet (RJ45) X-Bus interface X-Bus devices max. X-Bus kepads X-Bus devices max. X-Bus kepads X-Bus output devices X-Bus dor engaders Doors only Entry Doors Entry Fest Card readers max. Supported card technologies Wireless spreaders Wireless spreaders Wireless spreaders Wireless devices max. Polity moderne	embedded 1	embedded 1 1 1 (micro USB) 1 2 48 16 16 16 16 8 16 8 16 16 8 Mare, Classic 1k, Cotag, DESfire, EM4102, Wiegand (26 & 37 bits, HD Corp 1000 4 4 64 16 20 on board 2 1+1 1+1 5 15 10 50 8 8 4 Up to 16 pre/16 post event timages (by JPEG resolution	embedded 2 1 (micro USB) 1 2 48 16 16 16 16 8 16 16 8 16 Mfare, Classic 1k, Cotag, DESfire, EM4102, Wiegand (28 & 37 bis, HD Corp 1000 4 4 4 64 16 20 on board 2 1+1 1+1 5 15 10 50 8 4 Up to 16 pre/16 post event images (by JPEG resolution	100 embedded 1 1 (micro USB) 1 2 12 128 32 64 64 64 32 64 64 32 64 Mfare, Classic 1k, Cottag, DEStre, EM4102, Wiegand (26 & 37 bits, HID Corp 1000 1 1 4 4 64 65 16 20 on board 2 1 + 1 10 30 20 100 100 10 10 14 10 10 10 10 10 10 10 10 10 10 10 10 10
Access Control 2-Way Wireless	ISS212 USB interface Ethernet (1058/bits full duplex Ethernet (RJ45) X-Bus interface X-Bus interface X-Bus interface X-Bus december X-Bus december X-Bus depends X-Bus output devices X-Bus output devices X-Bus output devices X-Bus dover appenders Doors only Entry Doors Entry Fest Card readers max. Supported cast technologies Wireless speakers Wireless geteverye Wireless speakers Wireless detection max. Wireless detection max. FORB max. FORB max. FORB max. FORB max. FORB max. FORB max. FIRST moderne max. GSM mode	embedded 1 1 1 (micro USB) 1 1 (micro USB) 1 2 11 4 5 5 6 7 2 4 4 2 4 Milare, Classic 1K, Cotag, DEStire, EM4102, Wiegand (28 & 37 bits, HID Corp 1000 1 2 4 4 0 10 11 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	embodsed 1 1 1 (micro USB) 1 1 2 4 8 48 48 16 16 8 8 8 16 8 16 8 8 40 40 40 44 44 44 45 46 46 46 47 47 48 48 49 49 40 40 40 40 40 40 40 40 40 40 40 40 40	embedded 2 2 1 (micro USB) 1 1 2 48 16 16 16 16 8 16 8 16 8 16 40 60 8 16 16 16 16 16 16 16 16 16 16 16 16 16	100 embedded 1 1 (micro USB) 1 1 (micro USB) 1 2 2 128 32 64 64 64 32 2 64 64 32 64 32 64 64 64 32 64 64 64 32 64 64 64 65 64 66 64 67 68 68 68 68 68 68 68 68 68 68 68 68 68
Access Control 2-Way Wireless Transmission	ISS212 USB interface Ethernet (ONAbris full duplex Ethernet (RJ45) X-Bus interface X-Bus devices max. X-Bus kepads X-Bus devices max. X-Bus kepads X-Bus output devices X-Bus dor engaders Doors only Entry Doors Entry Fest Card readers max. Supported card technologies Wireless spreaders Wireless spreaders Wireless spreaders Wireless devices max. Polity moderne	embedded 1 1 1 (micro USB) 1 1 (micro USB) 1 2 111 4 5 5 5 2 4 4 Misro, Classic 1k, Cotag, DeStre, EM4102, Wiegand (26 & 37 bits, HID Corp 1000 (26 & 37 bits, HID Corp 1000 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	embodsed 1 1 (micro US8) 1 1 (micro US8) 1 2 2 488 16 16 16 16 16 16 16 16 16 16 16 16 16 1	embedded 2 1 (micro US8) 1 (micro US8) 1 (micro US8) 2 48 46 16 16 16 18 8 18 8 Mfare, Classic 1R, Cotag, DeSfire, EM4102, Wiegand (28 & 37 bits, HID Corp 1000 28 & 37 bits, HID Corp 1000 20 on board 2 on board 2 1+1 5 5 10 50 8 32 4 Up to 16 prae/16 post event images (by JPEG resolution 330 x 240, max. 1 frame/sec.) Up to 16 prae/16 post event images (by JPEG resolution 30 x 240, max. 1 frame/sec.)	100 embedded 1 (micro USB) 1 (micro USB) 1 2 128 32 64 64 64 32 64 64 64 32 64 Mfare, Classic 1k, Cottay, DESTRe, EM4102, Wiegand (26 & 37 bits, HID Corp 1000 1 4 64 65 20 on board 2 1+1 10 30 20 100 100 10 32 24 Up to 16 pre/16 post event images (by JPEG resolution 320 x 240, max 1 frame/isec.) Up to 16 pre/16 post event images (by JPEG resolution 320 x 240, max 1 frame/isec.)
Access Control 2-Way Wireless Transmission	ISS212 USS interface Ethernet (ONAbris full duplex Ethernet (RJ45) X-Bus interface X-Bus devices max. X-Bus kepads X-Bus devices max. X-Bus kepads X-Bus output devices X-Bus door sepaders Doors only Entry Doors Entry Fest Card readers max. Supported card technologies Wireless speaders Wireless speaders Wireless speaders Wireless devices max. PSTM moderne max. PSTM profiles Center Exceptions Command Profiles Video Video	embedded 1 1 1 (micro USB) 1 1 (micro USB) 1 2 11 4 5 5 6 7 2 4 4 2 4 Milare, Classic 1K, Cotag, DEStire, EM4102, Wiegand (28 & 37 bits, HID Corp 1000 1 2 4 4 0 10 11 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	embodsed 1 1 1 (micro USB) 1 1 2 4 8 48 48 16 16 8 8 8 16 8 16 8 8 40 40 40 44 44 44 45 46 46 46 47 47 48 48 49 49 40 40 40 40 40 40 40 40 40 40 40 40 40	embedded 2 2 1 (micro USB) 1 1 2 48 16 16 16 16 8 16 8 16 8 16 40 60 8 16 16 16 16 16 16 16 16 16 16 16 16 16	100 embedded 1 1 1 (micro USB) 1 2 128 32 64 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 32 64 64 15 60 00 00 00 00 00 00 00 00 00 00 00 00