



EV 4-24 4G



Serial control panel 24 wireless and up to 8 hard-wired zones Remote programming and management



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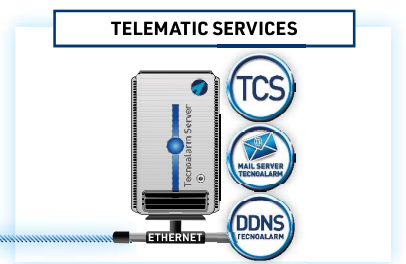
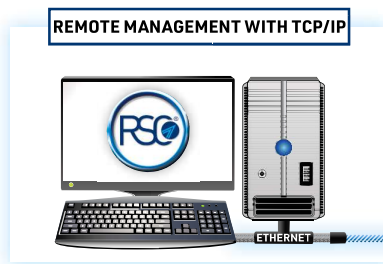
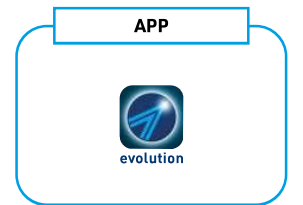
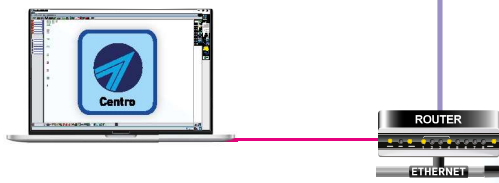
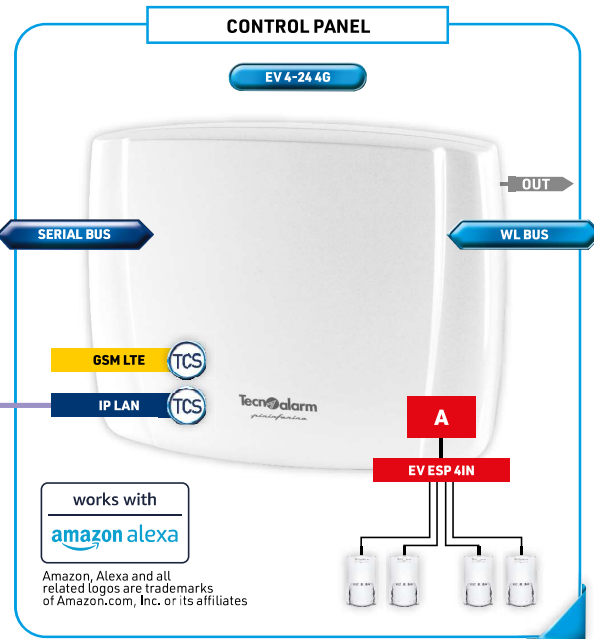
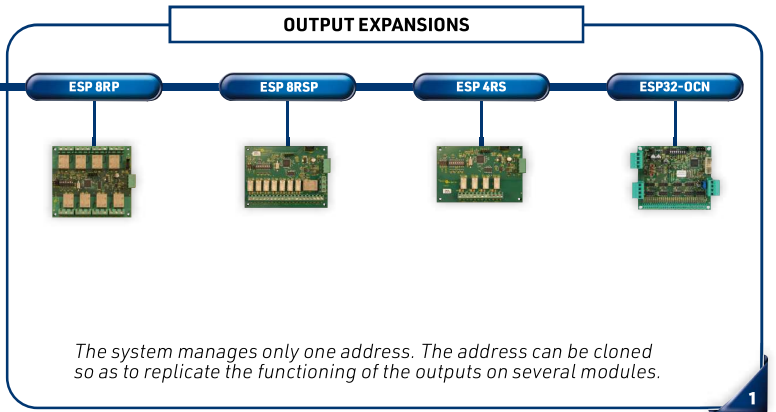
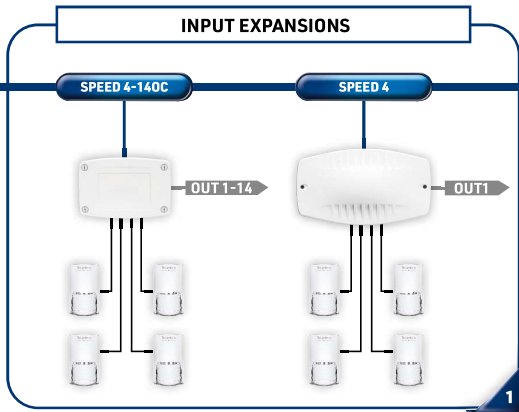
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INPUTS	CPU	EV MOD BWL	EV ESP 4IN	SPEED 4	SPEED 4-140C
WIRELESS	-	24	-	-	-
CONVENTIONAL*	-	-	4	4	4

* The following contact types can be programmed: NC (normally closed), NO (normally open), BIL (end-of-line resistor), B24 (double end-of-line resistor). The following filters can be programmed: time, pulse count or inertia.

Technical evaluation index	Serial ports			Communication devices			Telematic services and apps				
	SERIAL BUS		WL BUS	4G GSM	IP		TCS	DDNS	evolution		
EV 4-24 4G EV 4-24 4G EN		-			SP3...5 DP1...DP4	-					
	B			A			A				

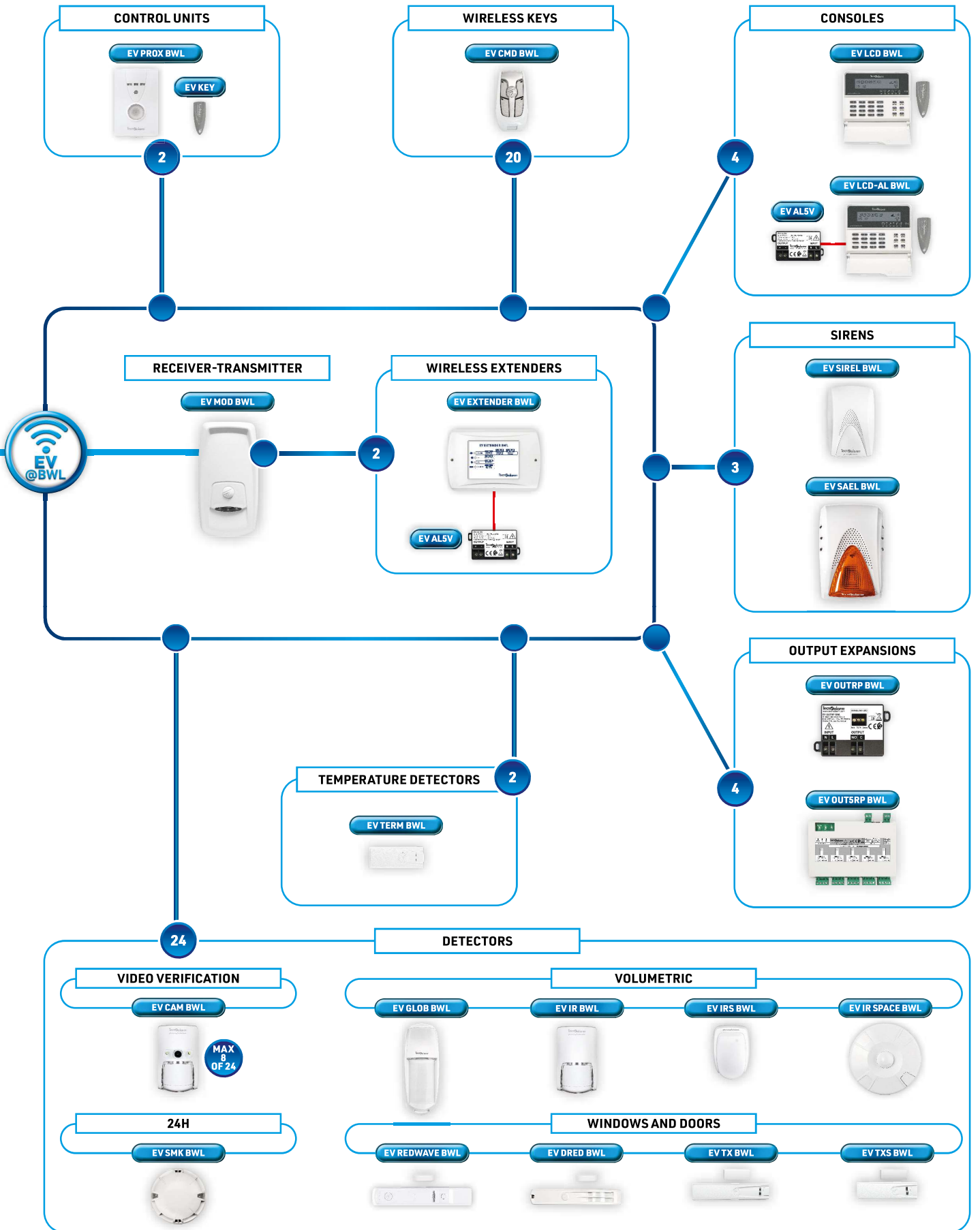
A: excellent - B: good - C: satisfactory - SP: single path - DP: dual path
The SP and DP values indicate the performance level achieved by either a single communication device or a combination of two, according to the EN 50131 and EN 50136 standards.



Number of connectable devices per type

X Number of managed wireless devices

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- 24 logic zones
- Max. 8 conventional hard-wired zones
- Max. 24 wireless zones
- 1 tamper input
- 1 programmable alarm output
- 2 logic sirens
- 1 WL Bus port for connecting the EV MOD BWL module
- 1 Serial Bus port for connecting conventional peripheral devices
- On-board IP WAN and 4G LTE communication devices
- ATE category: Single Path SP3...SP5 and Dual Path DP1...DP4
- 8 channels for event notification
- 1 call back channel for connection with a monitoring station
- 2 telephone numbers/IP addresses per channel
- 37 protocols for transmission in the formats: Speech, SMS, Ring, Data, E-mail and TCS
- Security: AES 128 bit and 256 bit data encryption
- 4 + 1 Server TCP/IP channels with access controlled by passphrase and white list
- 8 + 1 Client TCP/IP channels with customizable encryption key
- Test call with TCP/IP
- GSM network cell scanner function
- Jammer detector function
- Management of the telematic services TCS, DDNS Tecnoalarm, SNTP and Mail Server Tecnoalarm
- Voice synthesis
- 6 programs with individual time settings
- Management of multiuser systems with common zones
- Programmable coincidence function
- 50 access codes
- 20 transponders
- 20 wireless keys
- 6 remote controls
- 8 timers
- 4 access periods
- 6 cyclic timers
- Customizable 40 character splash message
- Customizable biennial or perpetual calendar
- Automatic Daylight Saving Time/Local Sidereal Time change
- 2-zone thermostat with weekly schedule
- Digital control of the radio range and interferences
- Event buffer with a capacity of 32,256 events
- Bay for 12V/7Ah battery
- Battery test with automatic disconnection in case of failure
- On-board 1.9A switching power supply
- EN 50131 certification, security grade 2

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Technologies and services								
Standard equipment								
Expansions								
Control modes								
Automation								

EV 4-24 4G - Technical and functional specifications

Zones	Total logic zones	24	Telematic services	TCS	✓
	Total hard-wired zones	8		DDNS Tecnoalarm	✓
	Total wireless zones	24		Mail Server Tecnoalarm	✓
				SNTP	✓
Outputs	Outputs	1	Internal expansion	Input expansion	1
	Logic sirens	2		Wireless devices managed	Wireless receiver-transmitter module
System features	RS485 serial bus	2	Extenders		2
	Voice synthesis	✓	Total detectors		24
	Image memory	Micro SD (optional)	Total synchronized detectors		8
	Event buffer capacity	32,256 events	Consoles		4
Programs and access management	Programs	6	RFID readers		2
	Codes	50	Sirens		3
	Transponders/RFID	20	Output expansions	4	
	Wireless keys	20	Serial expansions	Input expansion	1
Automation	Timers	8		Consoles	2
	Access periods	4		Output expansions	1
	Thermostat	2-zone	App	App (iPhone + Android)	evolution
	Calendar	Biennial or perpetual		Electrical specifications	Operating voltage
	Memo messages	2	Consumption CPU board		190mA @ 13.8V DC
	Remote controls	6	Power supply		1.9A @ 14.4V DC
	Test call with TCP/IP	✓	Battery		12V/7Ah
	Cyclic timers	6	Physical specifications	Environmental class	II
Telephone section	Communication formats	IP WAN		Casing	ABS
		4G LTE		Dimensions (L x H x D)	350 x 285 x 93mm
	ATE category	SP3...SP5 DP1...DP4		Weight (w/o battery)	2,7kg
	Protocols	37	Conformity	Standards	EN 50131-1 EN 50131-3 EN 50131-6 EN 50136-2
	Encryption	AES 128/256 bit			Security grade EV 4-24 4G EN
	Passphrase	Programmable		Notified body	IMQ
	Event notification channels	8+1			
	Server TCP/IP channels	4+1			
	Client TCP/IP channels	8+1			
	Transmittable events	110			
	Telephone numbers/ IP addresses	2 per channel (max. 24 digits)			
	Call event queue	64			