

TP10-42

**Remotely programmable
and controllable alarm system**

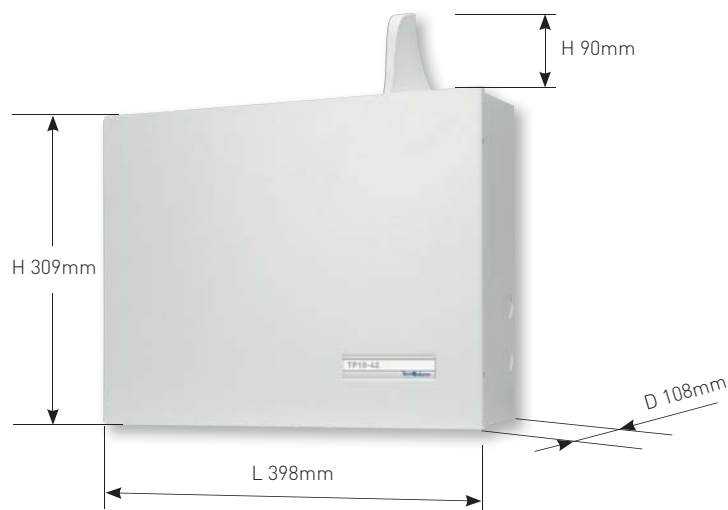


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- Management of max. 42 hard-wired zones
- Management of max. 42 wireless zones (used alternatively to the hard-wired zones)
- 1 tamper input
- 4 zone inputs for conventional detectors
- 1 Sensor Bus port for 6 RSC® peripheral devices
- 1 RS485 port for conventional peripheral devices
- 1 Siren Bus port for 4 RSC® sirens
- 1 alarm output for indoor siren
- 1 alarm output for outdoor siren
- 6 programmable logic outputs
- On-board PSTN interface: 8 channels with 2 telephone numbers each
- Event notification in the formats: speech, SMS, Ring, DTMF, FSK and data
- Communication vectors: PSTN (on-board), GSM-GPRS, GSM and TCP/IP (optional)
- GSM network cell scanner function
- Jammer detector function
- Voice synthesis
- Management of multiuser systems with common zones
- Management of the telematic services DDNS Tecnoalarm, SNTP and Mail Server Tecnoalarm
- 8 programs
- 8 remote controls
- 8 timers
- 6 access periods
- 8 cyclic timers
- Quadrennial or perpetual calendar
- Management of biometric finger print and RFID card readers
- 122 access codes
- 100 finger prints
- 100 transponders/RFID cards
- 80 wireless keys
- Digital control of the radio range and interferences
- Programmable coincidence function
- Event buffer with a capacity of 7600 events
- 14.4V power supply output for battery recharge
- Battery test with automatic disconnection in case of failure
- 3A linear power supply

Standard equipment							
Expansions							
Control modes							
Automation							
Software options/Compatibility with monitoring software							
Ports							



Inputs	CPU	ESP4-20	SPEED 8 STD	SPEED 4	SPEED 4-140C	SPEED 8	SPEED ALM8 PL	SPEED 4 PLUS	SPEED 8 PLUS	SPEED ALM8 PLUS
CONVENTIONAL*	4	4	8	4	4	8	8	4	-	-
ZONE BUS	-		-							
SENSOR BUS	6	-	-	-	-	-	-	4	8	8

* 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.

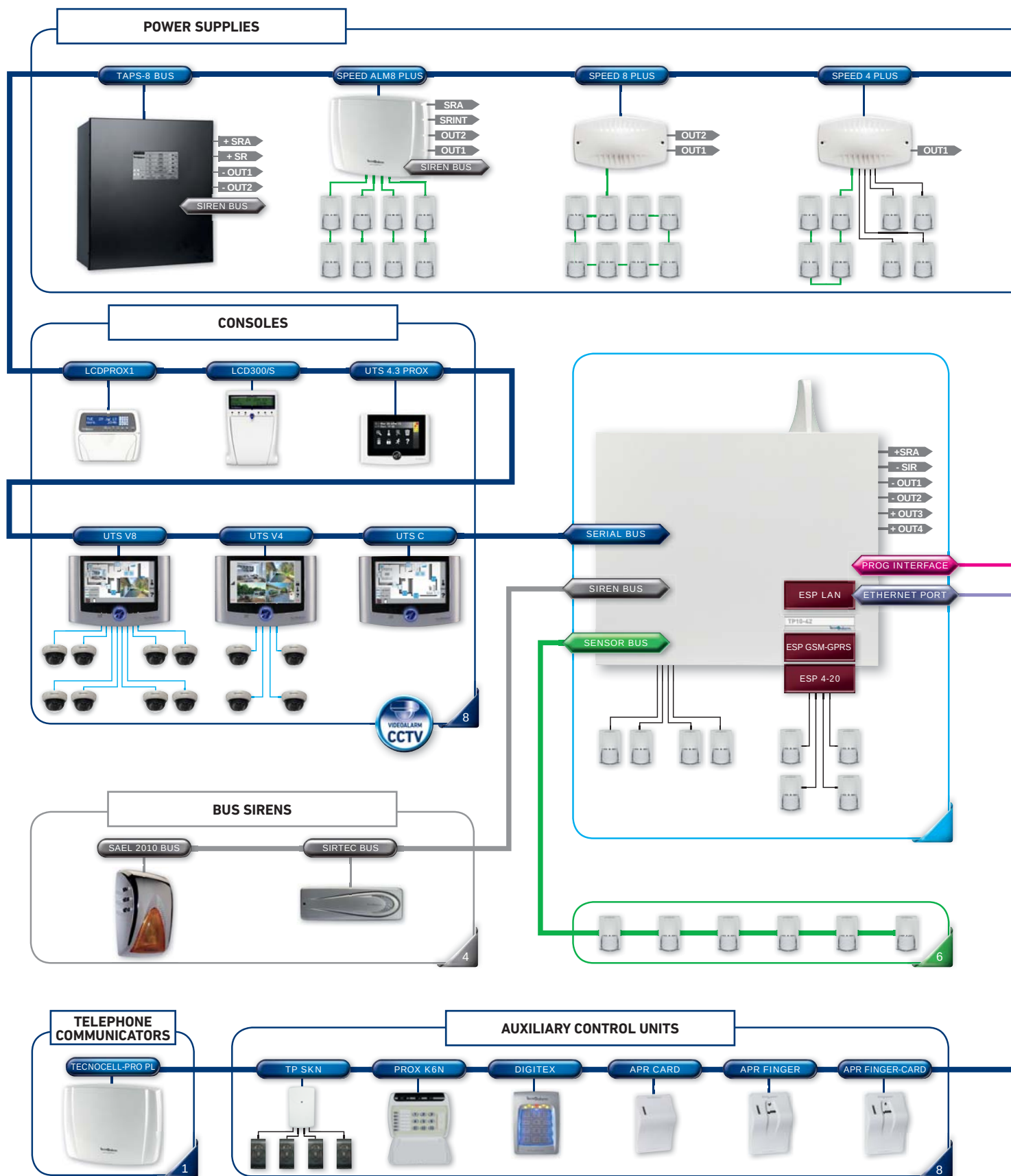
Videalarm

		Cameras	Recording	Viewing			Cameras	Recording	Viewing
	UTS V4	4	-	1/4		UTS E	24	8	1/4
	UTS V8	8	-	1/4					

Technical evaluation index	Serial ports			Communication vectors				Videalarm/Telematic Services			
	SERIAL BUS	SENSOR BUS	SIREN BUS	PSTN	GSM-GPRS	IP	GSM-EXT	VIDEALARM IP	VIDEALARM CCTV	DDNS	myteconalarm
TP4-20				ATE2		ATE2	ATE2				
		C				C				D	
TP4-20 GSM				ATE2		ATE2					
		C				C				D	
TP8-28				ATE2		ATE4	ATE2				
		A				B				C	
TP8-28 GSM				ATE4		ATE4	ATE2				
		A				B				C	
TP10-42				ATE2	ATE4	ATE4	ATE2				
		A				A				A	
TP8-88				ATE2	ATE4	ATE4	ATE2				
		A				A				A	
TP20-440				ATE2	ATE4	ATE4	ATE2				
		A				A				A	

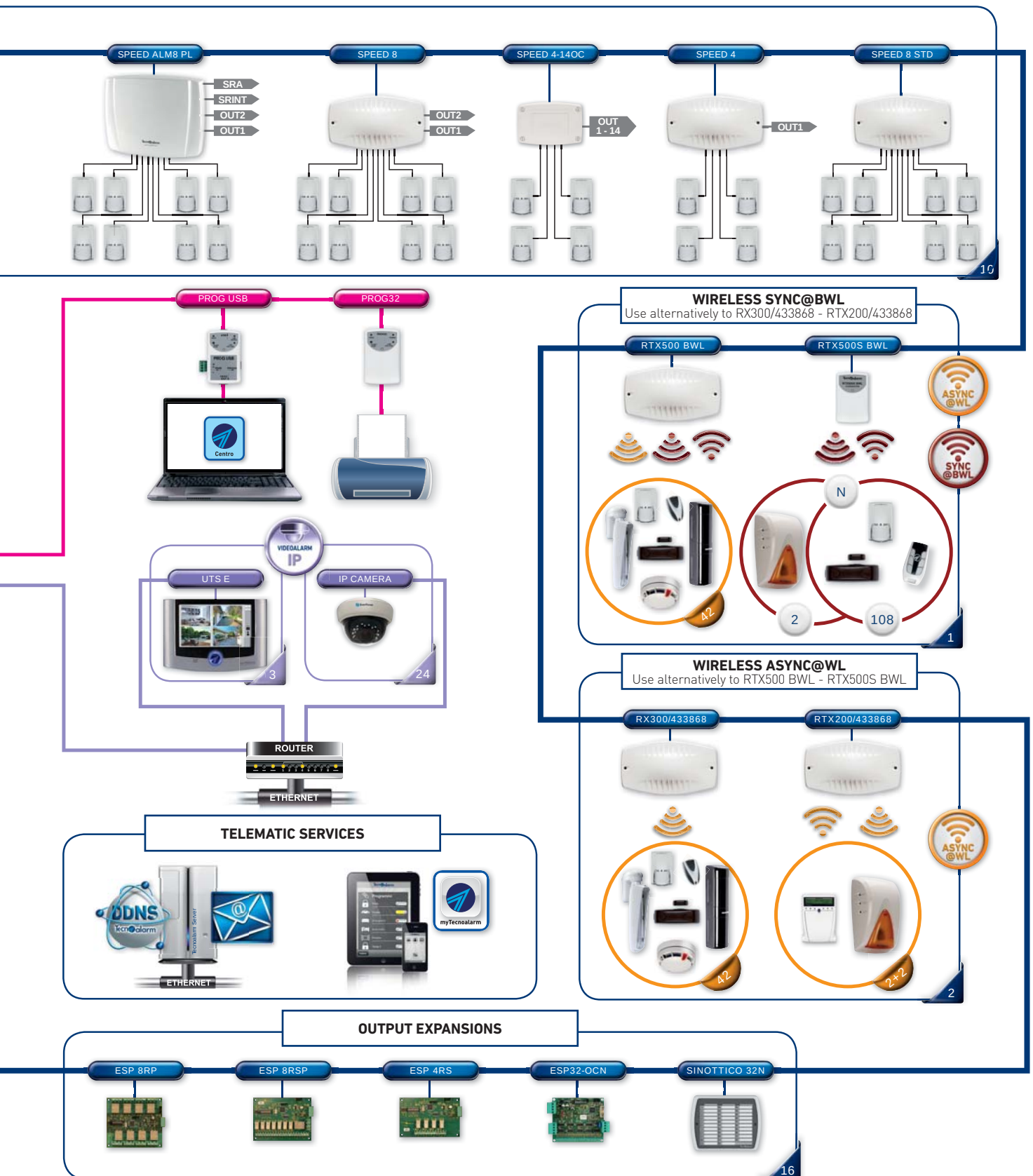
A: excellent - B: good - C: satisfactory - D: not implemented

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The label indicates the number of connectable devices per type.

System configuration

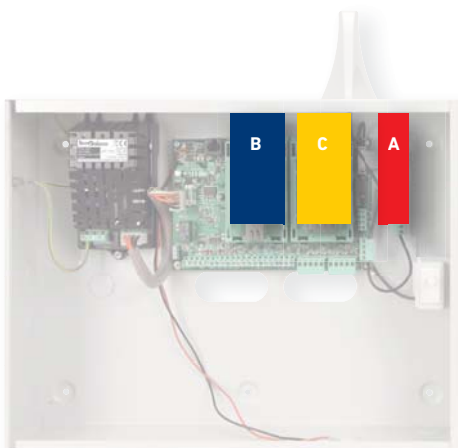


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Internal expansions and interfaces

ESP4-20	 Approved for use with certified control panels					
	Mounting position A B C				Expansion module with 4 parallel inputs for the connection of conventional detectors and Zone Bus detectors (only the first two inputs)	
	Item no. F127TP420ESP					
ESP LAN	 Approved for use with certified control panels					
	Mounting position A B C				Ethernet-Interface The interface implements the IP vector and permits remote management with TCP/IP.	
	Item no. F127ESPLAN					
ESP GSM-GPRS	 Approved for use with certified control panels					
	Mounting position A B C				Interface for the connection of the control panel with the GSM or GSM-GPRS network The interface allows to use the GSM or GSM-GPRS network as communication vector.	
	Item no. F127ESPGSMGPRS					

MOUNTING POSITIONS



MODELS								
Model	Item no.							
TP10-42	F101T42-IT		✓	Optional	Optional	Optional	3A	✓

OPTIONS		
Option	Item no.	
ADVANCED PROGRAMMING	F127T42/AV	Advanced programming software module

VECTORS										
Vector	Device	Class	DDNS	MAIL	APP	RDV®	SMS	Remote controls	Remote management	Monitoring
PSTN	ON-BOARD	ATE2				✓		✓	✓	✓
GSM-GPRS*	ESP GSM-GPRS	ATE2/4				✓	✓	✓	✓	✓
GSM-EXT*	TECNOCELL PRO PL	ATE2				✓			✓	✓
IP*	ESP LAN	ATE2/4	✓	✓	✓				✓	✓
* The vectors GSM-GPRS, GSM-EXT and IP are optional and require the installation of internal and external interfaces. Class - The class defines the performance criteria of the alarm transmission equipment (ATE) for alarm notification. In compliance with the valid standards, the criteria of performance are divided into six classes from ATE1 to ATE6. The vectors are classified as ATE2 or ATE4 according to the communication protocols used. The class ATE4 requires the use of encrypted protocols. The IP vector has been certified class ATE4 on the basis of internal tests executed by Tecnoalarm.										

TP10-42 - Accessories

	GSM ANTENNA EXTENSION
	4m extension cord for the connection of the antenna to the GSM-GPRS module
	Item no. C126PROLANTENNA

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Systems TP10-42 - Technical and functional specifications

Zones	Total logic zones	42
	CPU hard-wired zones	4 conventional
		6 Sensor Bus
	Total hard-wired zones	42
	Total wireless zones	42
Outputs	CPU outputs	6 programmable
	Sirens	8
System features	RS485 serial bus	3
	Voice synthesis	✓
	Event buffer capacity	7,600 events
Programs and access management	Programs	8
	Codes	122
	Finger prints	100
	Transponders/RFID	100
	Wireless keys	80
Automation	Timers	8
	Access periods	6
	Calendar	Quadrennial or perpetual
	Remote controls	8
	Cyclic timers	8
	TCS (test call with TCP/IP)	✓
Telephone section	Channels	8
	PSTN vector	On-board
	GSM-GPRS vector (optional)	ESP GSM-GPRS
	GSM vector (optional)	TECNOCELL-PRO PL
	IP vector (optional)	ESP LAN
	Transmittable events	157
	Telephone numbers/IP addresses	2 per channel (max. 24 digits)
	Call event queue	32
	Communication protocols	216
Telematic services	DDNS Tecnoalarm	✓
	Mail Server Tecnoalarm	✓
	SNTP	✓

Videoalarm	CCTV	✓
	IP	✓
Serial expansions	Hard-wired input expansions	10
	Wireless expansions	2
	Consoles	8
	Auxiliary control units	8
	Output expansions	16
	GSM telephone communicator	1
	Bus sirens	4
	Wireless sirens	2
	Wireless consoles	2 (ASYN@WL)
Advanced programming	Actions	1,024
	Timers	512
	Counters	128
	Telephone index	48 numbers
	Reserved output expansions	4
Accessory management	App (iPhone + Android)	✓
	Printer management	✓
Electrical specifications	Operating voltage	230V AC +/-10% 50Hz
	CPU board consumption	150mA @ 13.8V DC
	Power supply	3A @ 14.4V DC
	Battery	1x 12V/12Ah
Physical specifications	Environmental class	II
	Casing	Metal
	Dimensions (L x H x D) (w/o antenna)	398 x 309 x 108mm
	Antenna height	90mm
	Weight (w/o battery)	4.2kg
	Operating temperature	-10°C...+55°C
	Humidity (w/o condensation)	93%
Conformity	Directive	R&TTE 1999/05/EC