TP10-42

Serial control panel
Expandable from 10 to 42 zones
Remote programming and management

INPUTS	CPU	ESP4-20	SPEED 8 STD	SPEED 4	SPEED 4-140C	SPEED 8	SPEED ALM8 PL	SPEED 4 PLUS	SPEED 8 PLUS	SPEED ALM8PLUS	SPEED 4-8 P3A
CONVENTIONAL*	4	4	8	4	4	8	8	4	-	-	4**
ZONE BUS	-		-								
SENSOR BUS	6	-	-	-	-	-	-	4	8	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.
** The 4 conventional inputs are only available as an alternative to 4 Sensor Bus inputs (max. 8 inputs managed)

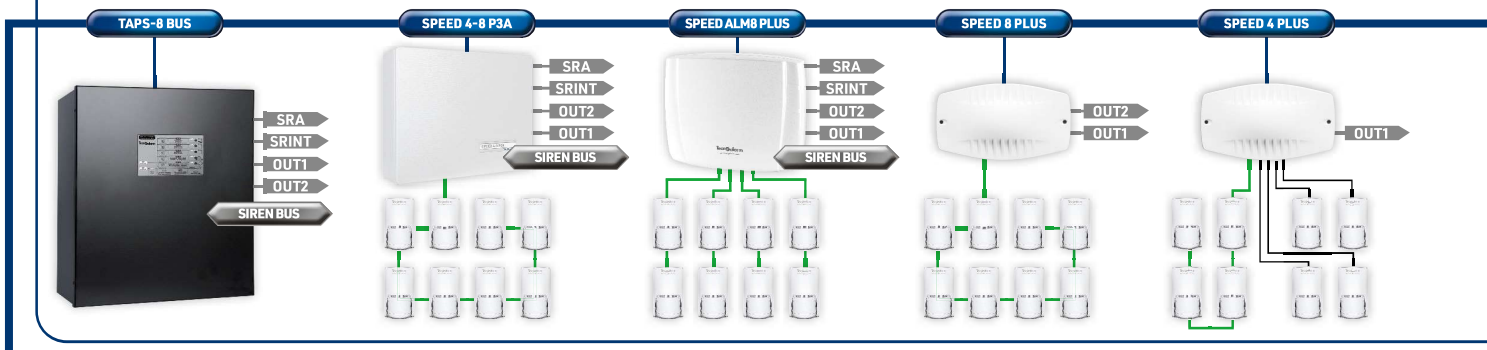
Videoalarm

	UTS E	IP cameras	Recording	Viewing	App
VIDEOALARM IP	3	24	8	1 / 1 2 3 4	myTecnoalarm

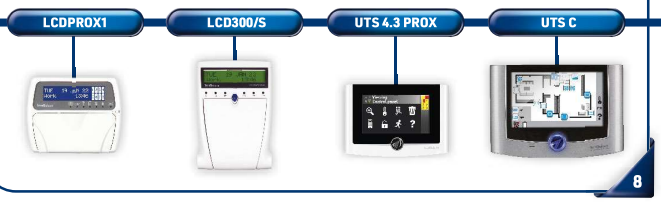
Technical evaluation index	Serial ports			Communication devices				Telematic services and apps			
	SERIAL BUS	SENSOR BUS	SIREN BUS	PSTN	4G GSM	IP	4G GSM-EXT	TCS	DDNS TECNOALARM	myTecnoalarm TCS	myTecnoalarm
TP10-42 TP10-42 EN				SP2	SP3...5	SP3...5	SP2				
				DP1...DP4							
	A			A				A			

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.

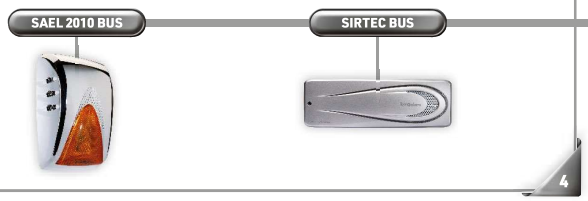
POWER SUPPLIES INPUT EXPANSIONS



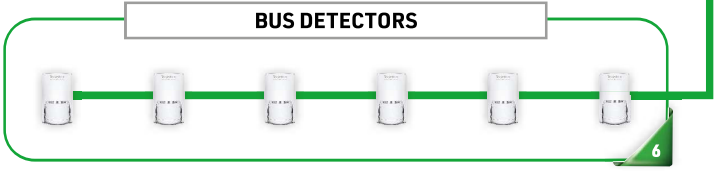
CONSOLES

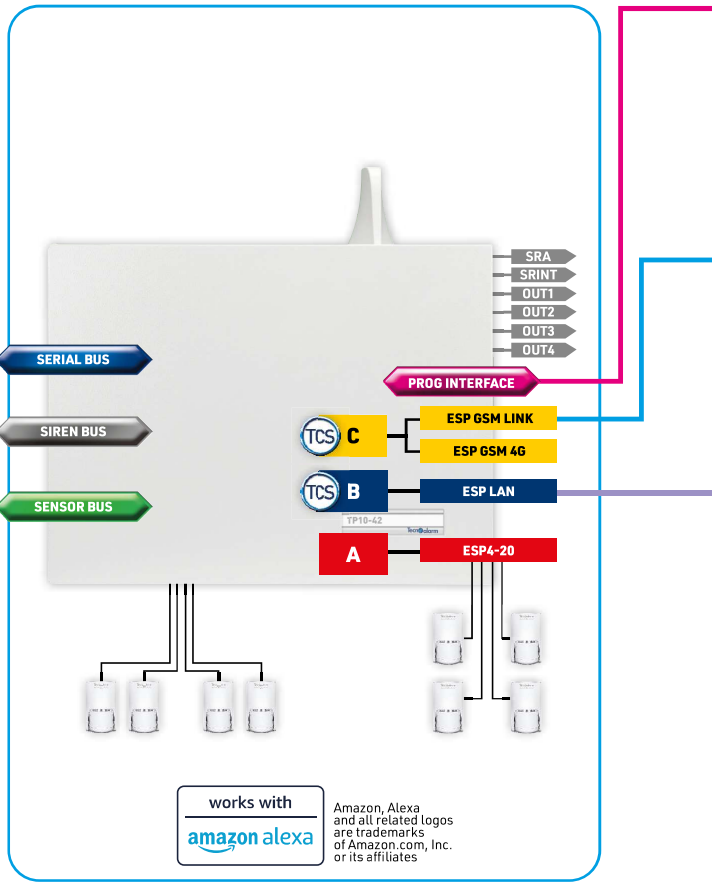


BUS SIRENS

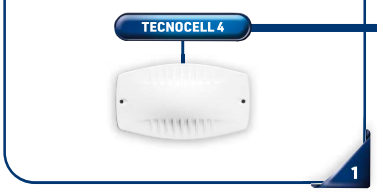


BUS DETECTORS

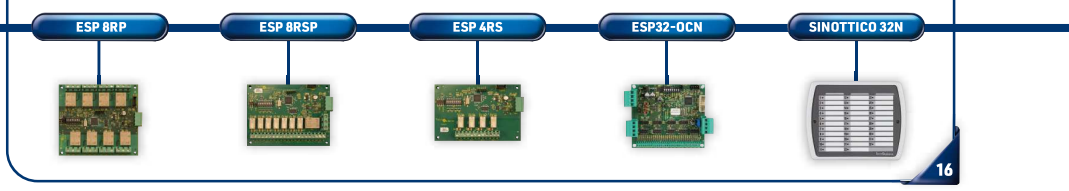




COMMUNICATORS

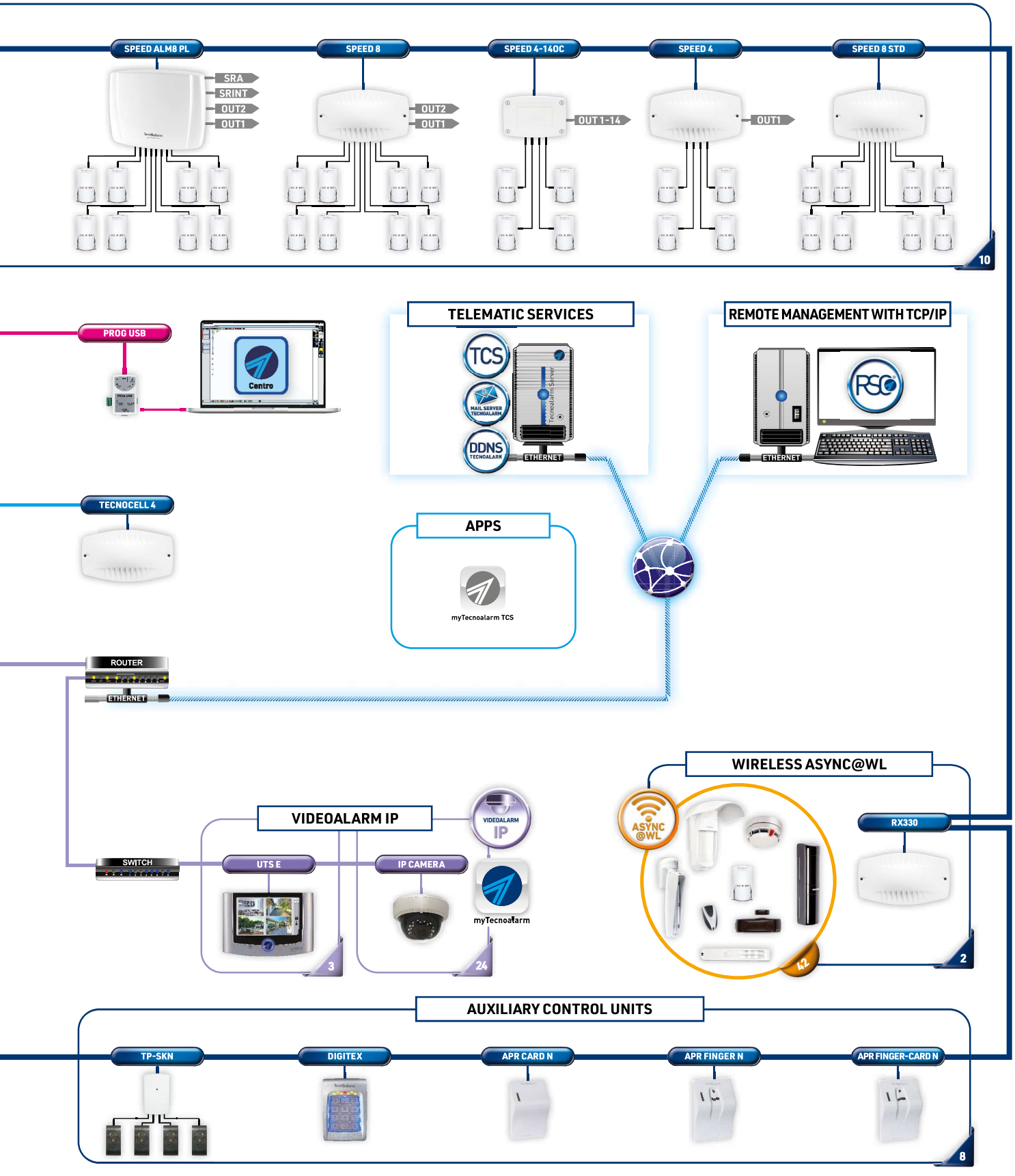


OUTPUT EXPANSIONS



Number of connectable devices per type

Number of managed ASYNC@WL devices


SPEED ALM8 PL
SRA
SRINT
OUT2
OUT1
SPEED 8
OUT2
OUT1
SPEED 4-140C
OUT 1-14
SPEED 4
OUT1
SPEED 8 STD
10
PROG USB
Centro
TELEMATIC SERVICES
TCS
MAIL SERVER TECNOALARM
DDNS TECNOALARM
Tecnoalarm Server
ETHERNET
REMOTE MANAGEMENT WITH TCP/IP
PSC
ETHERNET
TECNOCELL 4
APPS
myTecnoalarm TCS
ROUTER
ETHERNET
WIRELESS ASYNC@WL
ASYNC @WL
RX330
2
VIDEOALARM IP
VIDEOALARM IP
SWITCH
UTS E
IP CAMERA
myTecnoalarm
3
24
AUXILIARY CONTROL UNITS
TP-SKN
DIGITEX
APR CARD N
APR FINGER N
APR FINGER-CARD N
8

TP10-42

- 10 to 42 logic zone
- Management of max. 42 hard-wired zones: conventional, Zone Bus and Sensor Bus
- Management of max. 42 wireless zones
- 4 zone inputs for connecting conventional detectors
- 6 Sensor Bus inputs for connecting RSC® detectors
- 1 tamper input
- 6 programmable logic outputs
- 8 logic sirens
- 1 Serial Bus port for connecting conventional peripheral devices
- 1 Sensor Bus port for connecting RSC® detectors
- 1 Siren Bus port for connecting RSC® sirens
- On-board PSTN communication device
- Optional IP WAN and 4G LTE communication devices
- 8 channels for event notification
- 1 call back channel for connection with a monitoring station
- 2 telephone numbers/IP addresses per channel
- 203 protocols for transmission in the formats: Speech, SMS, FSK, Ring, DTMF, Data, E-mail and TCS
- Security: AES 128 bit and 256 bit data encryption
- Individually programmable passphrase for each channel
- 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
- 8 programs with individual time settings
- Management of multiuser systems with common zones
- Programmable coincidence function
- 122 access codes
- 100 transponders/RFID cards
- 80 wireless keys
- Management of biometric finger print and RFID card readers
- 8 remote controls
- 8 timers
- 8 access periods
- 8 cyclic timers
- 3 customizable memos with programmable deactivation priority
- Customizable quadrennial or perpetual calendar
- Automatic Daylight Saving Time/Local Sidereal Time change
- Digital control of the radio range and interferences
- Event buffer with a capacity of 7,600 events
- 14.4V power supply output for battery recharge
- Bay for 12V/12Ah battery
- Battery test with automatic disconnection in case of failure
- On-board 3A linear power supply
- EN 50131 certification, security grade 2

Technnologies and services	RSC, RDV, TCS, DDNS TECNOALARM
Standard equipment	ZONES 10 UP TO 42; 8 PROGRAMS MANAGED; 8 REMOTE CONTROLS; PSTN; VOCABULARY; EVENT BUFFER CAPACITY 7.600
Expansions	4G GSM; IP; 4G GSM-EXT; ASYNC @WL; VIDEOALARM IP
Control modes	122 CODES; 100 RFID KEYS; 80 WL KEYS; FINGER PRINT MANAGEMENT; RFID CARD MANAGEMENT; myTecnoalarm TCS; myTecnoalarm
Automation	8 ACCESS PERIODS FROM TO; 8 TIMERS hh mm; 8 CYCLIC TIMERS hh mm; CALENDAR YEARS 4Y/∞
Advanced features	ADVANCED PROGRAMMING; TECNO MONITOR

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**
	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	**96**
	Transponders/RFID	**100**
	Wireless keys	**80**
Automation	Timers	**8**
	Access periods	**8**
	Calendar	**Quadrennial or perpetual**
	Remote controls	**8**
	Cyclic timers	**8**
	Test call with TCP/IP	✓
Telephone section	Channels	**8**
	PSTN vector	**On-board**
	GSM-GPRS vector (optional)	**ESP GSM 4G**
	GSM vector (optional)	**TECNOCELL 4**
	IP vector (optional)	**ESP LAN**
	Transmittable events	**157**
	Telephone numbers/IP addresses	**2 per channel (max. 24 digits)**
	Call event queue	**32**
	Protocols	**203**
Telematic services	DDNS Tecnoalarm	✓
	SNTP	✓
	Mail Server Tecnoalarm	✓
	TCS	✓

Videoalarm	Videoalarm IP	✓
Internal expansions	Input expansions	**1**
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**
Advanced programming	Actions	**1,024**
	Timers	**512**
	Counters	**128**
	Telephone index	**48 numbers**
	Reserved output expansions	**4**
Accessory management	App (iPhone - Android)	**myTecnoalarm**
		myTecnoalarm TCS
Electrical specifications	Operating voltage	**230V AC +/- 10% 50Hz**
	CPU board consumption	**150mA @ 13.8V DC**
	Power supply	**3A @ 14.4V DC**
	Battery	**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)	**4.5kg**
Conformity	Standards	**EN 50131-1 EN 50131-3 EN 50136-2**
	Security grade	**2 (TP10-42 EN)**
	Notified body	**IMQ**