TP8-88

Serial control panel
Expandable from 8 to 88 zones
Remote programming and management

H 90mm

H 445mm

D 115mm

L 455mm
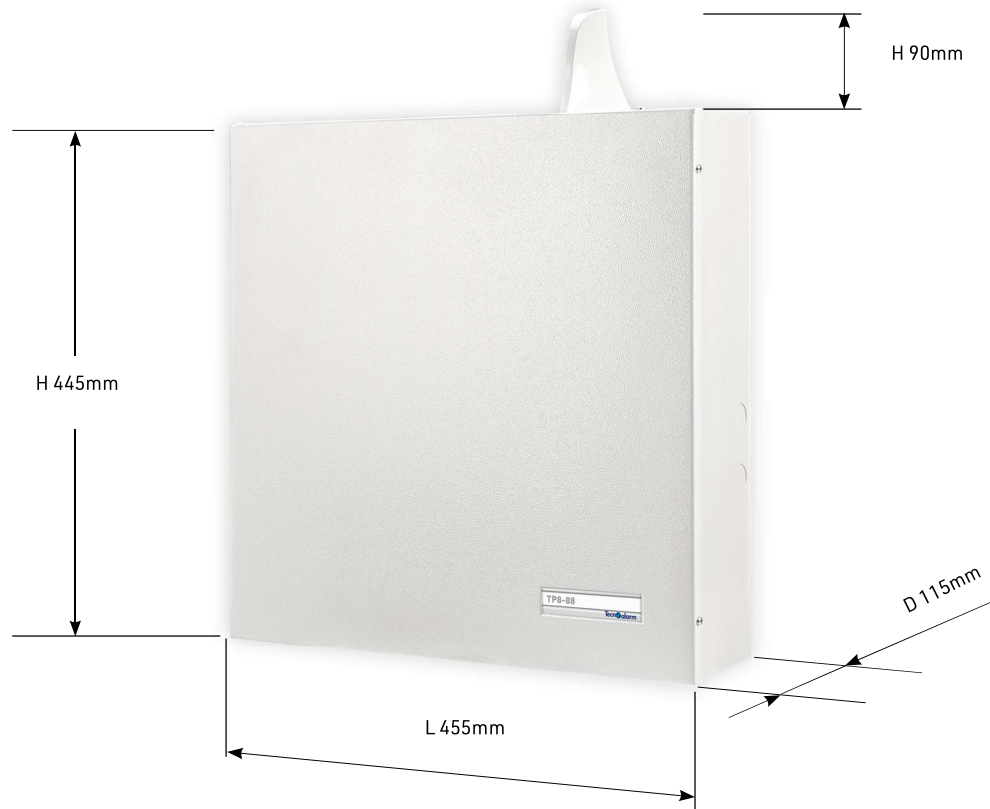
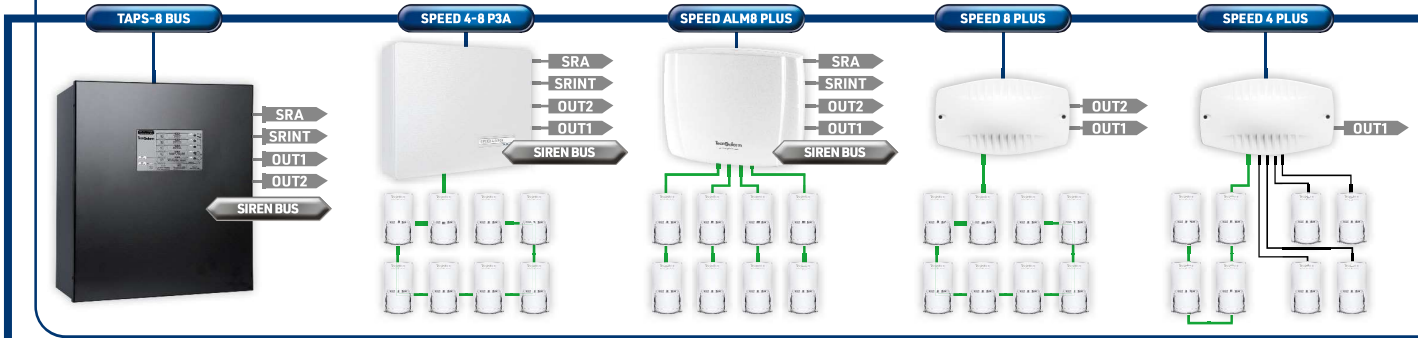| INPUTS	CPU	ESP 4IN	SPEED 8 STD	SPEED 4	SPEED 4-14OC	SPEED 8	SPEED ALM8 PL	SPEED 4 PLUS	SPEED 8 PLUS	SPEED ALM8 PLUS	SPEED 4-8 P3A
CONVENTIONAL*	8	4	8	4	4	8	8	4	-	-	4**
ZONE BUS	-		-								
SENSOR BUS	8	-	-	-	-	-	-	4	8	8	8

*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)

Video alarm

	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
TP8-88 TP8-88 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.
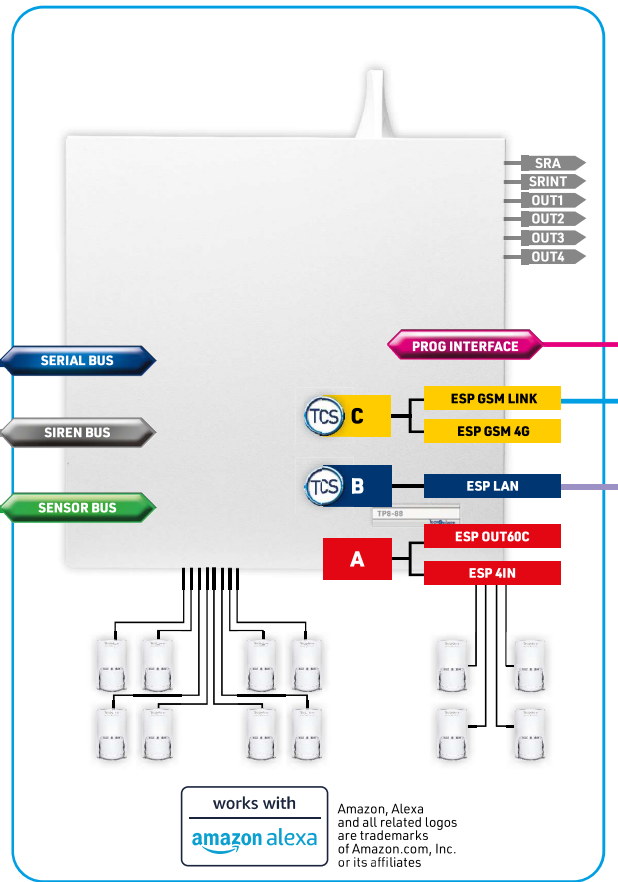
POWER SUPPLIES INPUT EXPANSIONS

TAPS-8 BUS

SRA
SRINT
OUT1
OUT2
SIREN BUS

SPEED 4-8 P3A

SRA
SRINT
OUT2
OUT1
SIREN BUS

SPEED ALM8 PLUS

SRA
SRINT
OUT2
OUT1
SIREN BUS

SPEED 8 PLUS

OUT2
OUT1

SPEED 4 PLUS

OUT1

CONSOLES

LCDPROX1　**LCD300/S**　**UTS 4.3 PROX**　**UTS C**

15

BUS SIRENS

SAEL 2010 BUS　**SIRTEC BUS**

15

BUS DETECTORS

8

SRA
SRINT
OUT1
OUT2
OUT3
OUT4

PROG INTERFACE

SERIAL BUS

TCS **C**　ESP GSM LINK
　　　　ESP GSM 4G

TCS **B**　ESP LAN

SIREN BUS　TP8-88

A　ESP OUT60C
　　ESP 4IN

SENSOR BUS

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COMMUNICATORS

TECNOCELL 4

1

OUTPUT EXPANSIONS

ESP 8RP　**ESP 8RSP**　**ESP 4RS**　**ESP32-OCN**　**SINOTTICO 32N**

16

Number of connectable devices per type

Number of managed ASYNC@WL devices

System configuration

SPEED ALM8 PL	SPEED 8	SPEED 4-14OC	SPEED 4	SPEED 8 STD

SRA
SRINT
OUT2
OUT1

OUT2
OUT1

OUT 1-14

OUT1

14

PROG USB

Centro

TELEMATIC SERVICES

TCS

MAIL SERVER
TECNOALARM

DDNS
TECNOALARM

Tecnoalarm Server

ETHERNET

REMOTE MANAGEMENT WITH TCP/IP

RSC

ETHERNET

APPS

myTecnoalarm TCS

TECNOCELL 4

SUPERVISION

SERVER

supervisor
by Tecnoalarm

ETHERNET

ROUTER

ETHERNET

WIRELESS ASYNC@WL

ASYNC
@WL

RX330

88

2

VIDEOALARM IP

VIDEOALARM
IP

SWITCH

UTS E

IP CAMERA

myTecnoalarm

3

24

AUXILIARY CONTROL UNITS

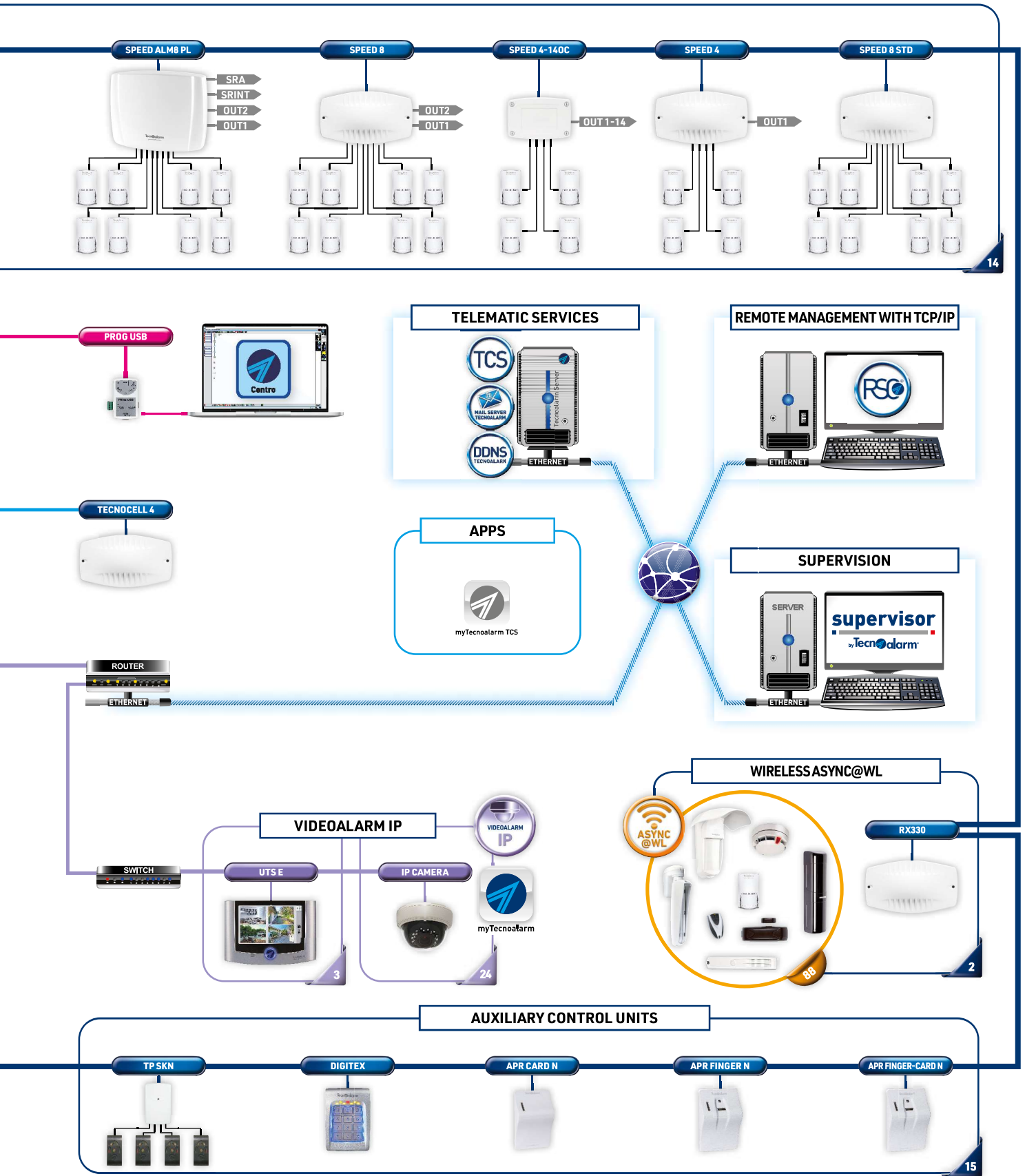| TP SKN	DIGITEX	APR CARD N	APR FINGER N	APR FINGER-CARD N

15

TP8-88

TP8-88

- 8 to 88 logic zones
- Management of max. 88 hard-wired zones: conventional, Zone Bus and Sensor Bus
- Management of max. 88 wireless zones
- 8 zone inputs for connecting conventional detectors
- 8 Sensor Bus inputs for connecting RSC® detectors
- 1 tamper input
- 6 programmable logic outputs
- 16 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
- 16 programs with individual time settings
- Management of multiuser systems with common zones
- Programmable coincidence function
- 202 access codes
- 360 transponders/RFID cards
- 100 wireless keys
- Management of biometric finger print and RFID card readers
- 16 remote controls
- 32 timers
- 8 access periods
- 8 cyclic timers
- 4 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 2x 12V/17Ah batteries
- Battery test with automatic disconnection in case of failure
- On-board 6A switching power supply
- EN 50131 certification, security grade 3

Technologies and services	RSC	RDV	TCS	DDNS TECNOALARM	
Standard equipment	ZONES 16 UP TO 88	16 PROGRAMS MANAGED	16 REMOTE CONTROLS	PSTN	VOCABULARY / EVENT BUFFER CAPACITY 7.600
Expansions	4G GSM	IP	4G GSM-EXT	ASYNC @WL	VIDEOALARM IP
Control modes	202 CODES	360 RFID KEYS	100 WL KEYS	FINGER PRINT MANAGEMENT	RFID CARD MANAGEMENT / myTecnoalarm TCS / myTecnoalarm
Automation	8 ACCESS PERIODS 08:00 20:00 FROM TO	32 TIMERS 00:00 hh mm	8 CYCLIC TIMERS 00:00 hh mm	CALENDAR YEARS 4Y/∞	
Advanced features	ADVANCED PROGRAMMING	supervisor	TECNO MONITOR	TECNO OUT	

TP8-88

TP8-88 - Technical and functional specifications

Zones		
Total logic zones		88
CPU hard-wired zones		8 conventional
		8 Sensor Bus
Total hard-wired zones		88
Total wireless zones		88

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		16
Codes		202
Finger prints		96
Transponders/RFID		120
Wireless keys		100

Automation		
Timers		32
Access periods		8
Calendar		Quadrennial or perpetual
Remote controls		16
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		297
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		14
Wireless expansions		2
Consoles		15
Auxiliary control units		15
Output expansions		16
GSM telephone communicator		1
Bus sirens		15

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
Supervisor		Optional
Tecno out protocol		Optional

Electrical specifications		
Operating voltage		230V AC +/- 10% 50Hz
CPU board consumption		150mA @ 13.8V DC
Power supply		6A @ 14.4V DC
Batteries		2x 12V/17Ah

Physical specifications		
Environmental class		II
Casing		Metal
Dimensions (L x H x D) (w/o antenna)		455 x 445 x 115mm
Antenna height		90mm
Weight (w/o battery)		7kg

Conformity		
Standards		EN 50131-1 EN 50131-3 EN 50136-2
Security grade		3 (TP8-88 EN)
Notified body		IMQ