

TP8-88

Expandable serial alarm systems



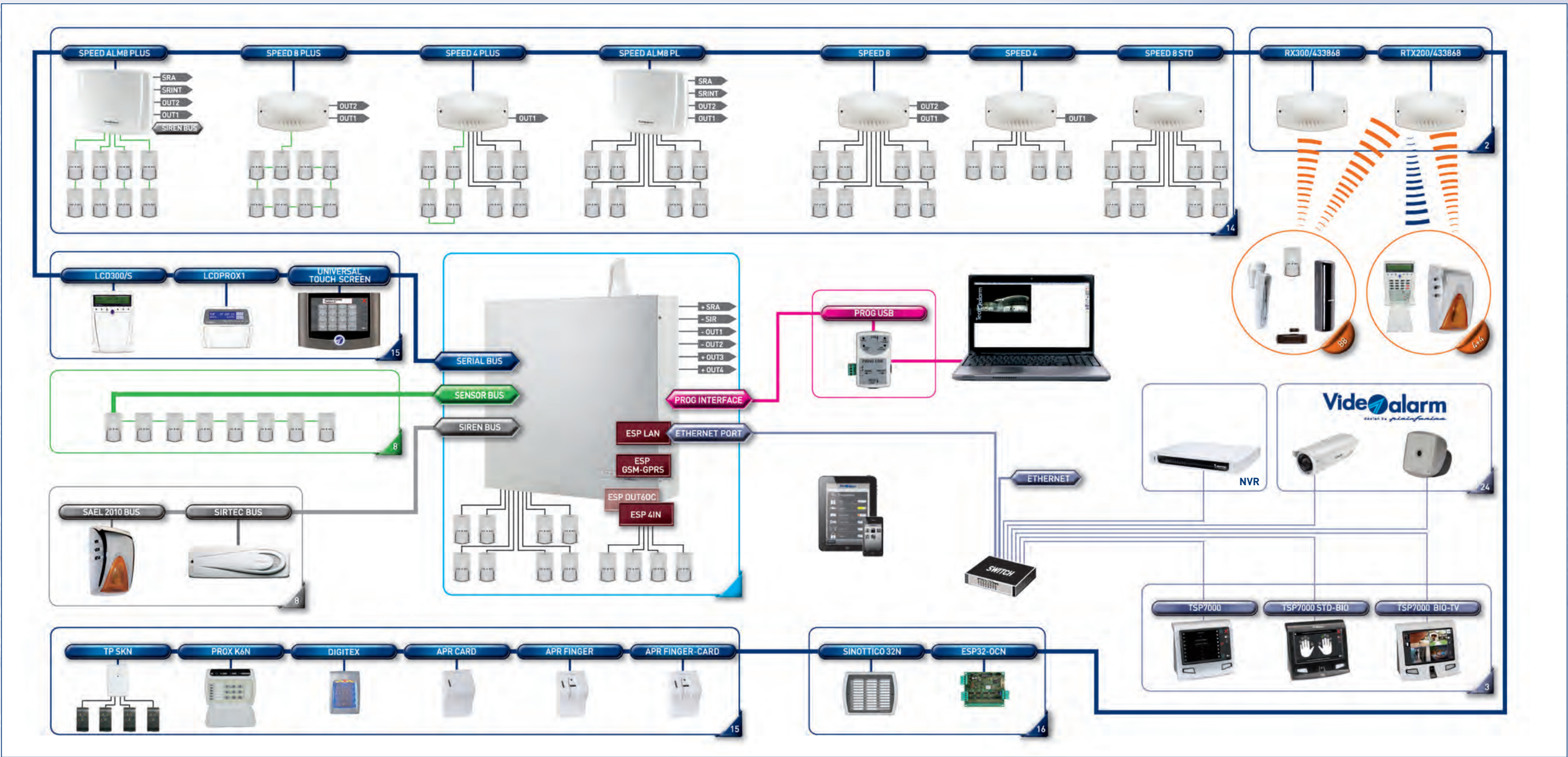
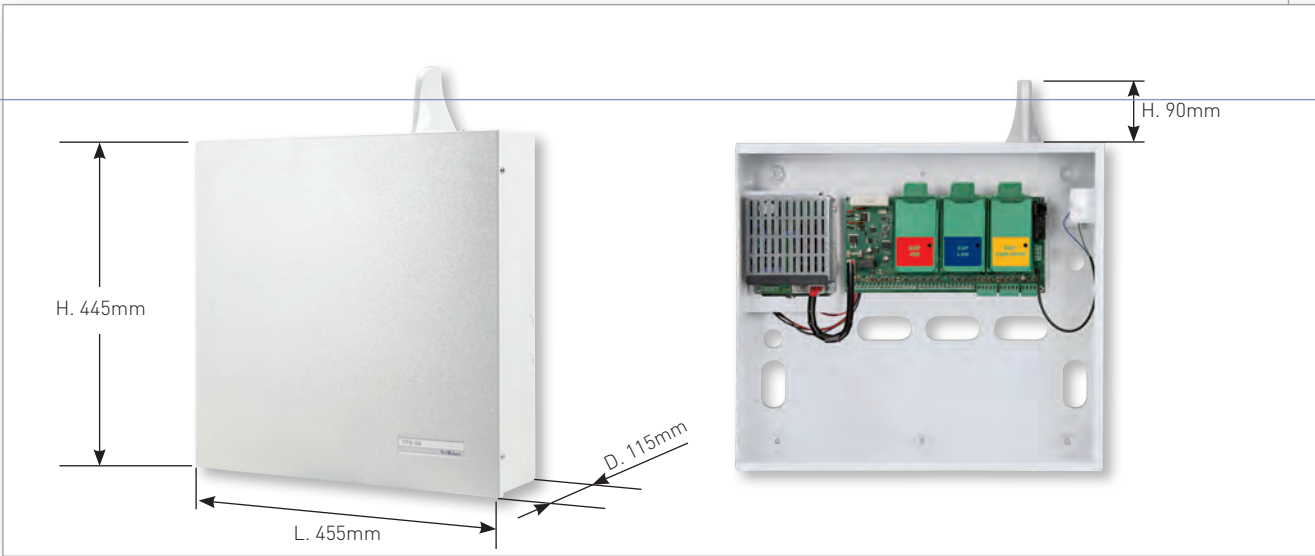
Tecn^oalarm
Hi-Tech Security Systems

TP8-88

Inputs	CPU	ESP 4IN	SPEED 8 STD	SPEED 4	SPEED 8	SPEED ALM8	SPEED 4 PLUS	SPEED 8 PLUS	SPEED ALM8 PLUS
CONVENTIONAL*	8	4	8	4	8	8	4	No	No
ZONE BUS	No		No						
SENSOR BUS	8	No	No	No	No	No	4	8	8

* The conventional inputs may be programmed as: NC normally closed - NO normally open
BIL end-of-line resistor - B24 double end-of-line resistor. You can program: time filter, pulse count and inertial.

System Configuration



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- Management of wired zones (conventional or serial) and/or radio zones
- Radio zones manageable: up to 88
- 1 24h input for self-protection
- 8 zone inputs for conventional detectors
- 8 inputs in Sensor Bus zone for serial detectors
- 1 alarm output for internal siren
- 1 alarm output for external siren
- 4 programmable logic outputs
- 1 Serial Bus to connect system devices
- 1 Sensor Bus to connect bus detectors
- 1 Sensor Bus to connect bus sirens
- Telephony 8 communicators/transmission channels, two contact numbers for channel
- Notification of system events on the basis of the format carrier: voice, SMS, Ring, DTMF, FSK, and Data
- Integrated PSTN carrier, optional GSM-GPRS and/or TCP/IP transmission carriers
- The GSM-GPRS carrier is provided with Network-Cell-Scanner and Anti-Jamming functions
- Speech synthesis (local and telephone) for the issue of the voice alerts
- Integrated vocabulary, for the customization of zone names, programs, and remote controls
- 8 operating programs
- 8 remote controls
- 16 weekly timers
- 8 time ranges for access
- Customizable perpetual and/or biennial calendar
- 202 access codes
- 120 RFID keys and/or cards
- 100 radio controls
- Management of biometric readers of fingerprints and RFID cards
- Operating programs freely associable with the engagement control devices
- Digital control of the radio coverage and interferences
- Customizable simultaneous alarm management
- System log storage capacity: 7600 events
- Specialized power output for 14.4 V battery charging
- Automatic battery test with programmable release in case of failure
- Modular 6A switching power supply

Standard components	      
Integrations	   
Control modes	     
Automatic managements	  
Interfaces	
Advanced managements	 

System TP8-88 - Technical and functional specifications

Zones	Total logical zones	88	Serial bus expansions	Wired zones expansion modules	14
	CPU wired zones	8 conventional + 8 Bus		Wireless expansion modules	2
	Wired zones manageable	88		Console	15
	Radio areas manageable	88		Control devices	15
Outputs	CPU outputs	5 programmable + 1 relay		Dashboard modules - outputs	16
	Logical sirens	8		Bus sirens	8
System features	RS485 system bus	3	Videoalarm expansions	Radio sirens	4
	Speech synthesis	✓		Radio console	4
	Event memory capacity	7600		Touchscreen video console	3
Programs access management	Programs	8		IP cameras	24
	Access codes	202	Advanced programming	NVR	✓
	Biometrics - Fingerprints	100		Personal Computer	✓
	RFID Keys / Cards	120		Actions	1024
	Radio controls	100		Timers	512
Automation	Timers	16		Counters	128
	Time ranges for access	8	Accessory management	Phone number book	48
	Calendar years	Quadrennial or perpetual		Reserved dashboard modules	4
	Timed messages	3		Apps	iPhone - Android
	Remote controls	8		TECNO OUT protocol	Optional
	Cyclic test	2	Electrical specifications	Printer management	✓
	Server cyclic test	✓		Supply voltage	230V AC +/- 10% 50Hz
	Cyclic timers	8		CPU board power requirement	150mA @ 13.8V DC
Telephone section TP8-88	Communicators	8		Modular power supply	6A @ 14.8VDC
	Primary carrier	PSTN	Physical specifications	Battery housing	2 12V-17Ah
	Secondary carrier (optional)	GSM-GPRS		Enclosure	Metal
	Ethernet carrier (optional)	TCP/IP		Dimensions (LxHxD)	455x445x115mm
	Communicable events	263		Antenna height	90mm
	Phone numbers	8+8 24 characters	Conformity	Weight	7kg
	Phone queue items	32		Directive	R&TTE 1999/05/EC
	Communication protocols	143			

Technical features	 COMMUNICATION VECTORS	 RSC® MANAGEMENT SENSOR BUS	 RSC® MANAGEMENT SIREN BUS
TP8-88	A PSTN • GSM-GPRS • TCP/IP	A Control panel's equipment	A Control panel's equipment

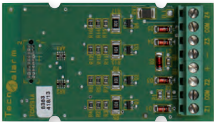
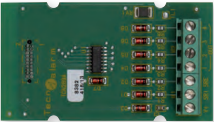
A: excellent - B: good - C: satisfactory

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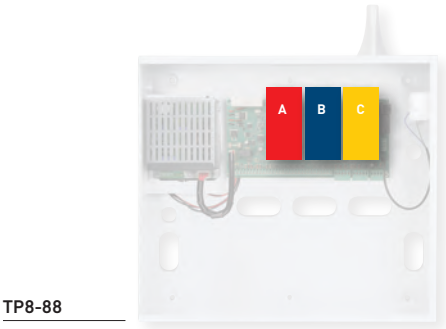
AVAILABLE MODELS		✓       							
Name	Item no.								
TP8-88	F101T88-UK	✓	Optional	Optional	Optional	Optional	6A	✓	

OPTIONAL SOFTWARE MODULES		
Name	Item no.	
ADVANCED PROGRAMMING	F127T88/AV	Software module that enables the use of the advanced programming.
TECNO OUT	F127T88/TECNO	Software module that enables the operation of the protocol TECHNO OUT

Internal expansions

ESP 4IN		ZONE BUS DETECTORS 4 CONVENTIONAL DETECTORS
	Mounting position A B C Expansion card with 4 parallel zone inputs. These inputs enable the wiring of conventional detectors and Zone Bus. Item no. F127ESP4IN	
ESP OUT60C		6 OUTPUTS
	Mounting position A B C 6 logical output open collector expansion module. The 6 fully programmable outputs can be freely associated with the logical outputs managed by the system. Item no. F127ESP0UT60C	
ESP LAN		ETHERNET INTERFACE
	Mounting position A B C Interface module for the connection of the control unit to the Ethernet network. The module allows to use the network as an IP communication carrier. The interface allows to perform remote service and programming directly via the TCP/IP software. Item no. F127ESPLAN	
ESP GSM-GPRS		GSM-GPRS EXTERNAL
	Mounting position A B C GSM/GPRS phone module. The module allows to use as communication carrier also the mobile network in GSM-GPRS mode. Item no. F127ESPGSMGPRS	

Mounting positions



TP8-88	SERIAL CONNECTION LINES			COMMUNICATION CARRIERS		
						
	Standard component	Standard component	Standard component	Standard component	Integrable internally	Integrable internally

TP8-88 - Accessories

	GSM ANTENNA EXTENSION 4mt extension cable for antenna connection to the GSM/GPRS phone module. Item no. C126PROLANTENNA
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