

TP8-96 VIDEO

Expandable serial alarm system

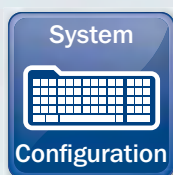


Videoalarm
designed by *pininfarina*

The TP8-96 VIDEO system represents the state-of-the-art of Tecnoalarm philosophy and technology. The extremely versatile and expandable system offers solutions for any kind of application in both medium-sized and large sites. Its functional completeness permits the realization of systems able to satisfy any projective requirement, such as mono- or multi-user systems, always guaranteeing the highest standards of protection and security.

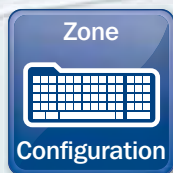
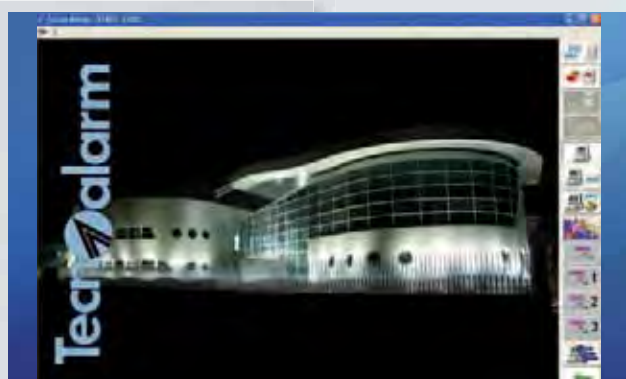
Tecnoalarm
Hi-Tech Security Systems
design by *pininfarina*

The system offers extremely high performance and functionality levels thanks to Remote Sensitivity Control  technology. It communicates with the monitoring station through a multitude of communication vectors, using proprietary protocols and transmitting specific and detailed information. The monitoring station can program and constantly monitor the system from a distance and, with the help of sophisticated diagnostic tools, check the functioning and obtain the necessary information to maintain and improve its performance.



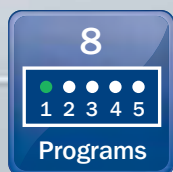
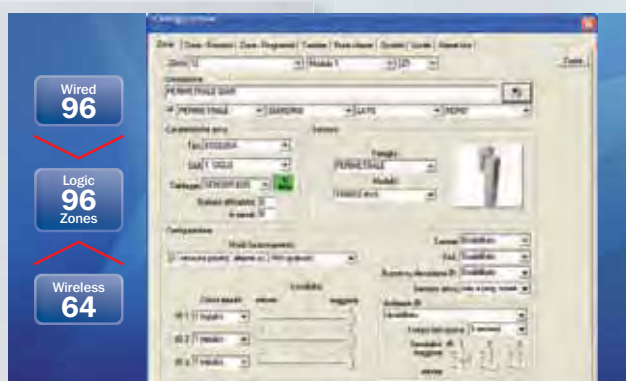
Programming

Parameterization of the TP8-96 VIDEO system can be made locally or from a distance, via telephone line using the Tecnoalarm programming software. The highly performing programming software and the system's extensive programming facilities permit an extremely high level of customization.



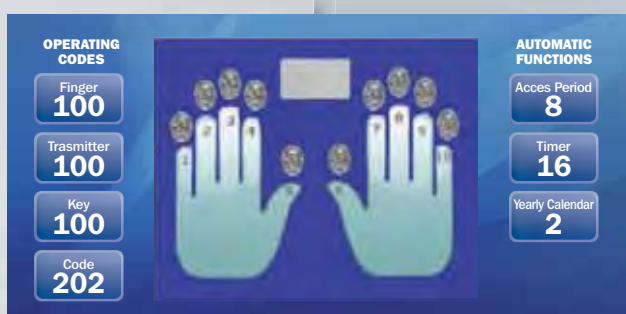
Zones

System configuration is entirely modular thanks to a complete range of input expansions. The 8 hard-wired zone inputs of the CPU constitute the basic version of the system. These are expandable to a total of 96 zones which can be freely associated to the hard-wired and wireless inputs of the connected hardware (max. 96 hard-wired zones and max. 64 wireless zones). The extensive zone programming facilities allow to obtain high performances even from traditional detectors, but it is only by the use of RDV and RSC detectors that the system taps the full potential and reaches maximum levels of performance. These detectors permit the verification and analysis of the alarms through specific diagnostic windows at the very moment they occur. The traditional threshold towards telemaintenance has been overstepped and a new concept of interaction has been proposed. (RDV® and RSC® are registered trademarks and protected by international patent).



Programs and control units

The TP8-96 VIDEO system controls 8 arming programs. A huge range of control units, among these LCD consoles with voice synthesis, transponders, wireless keys, RFID cards and biometric finger print readers, is able to meet any kind of requirement. Outstanding is the exclusive TSP7000 video console with a 7 inches touch screen and biometric finger print reader. The system can manage access to the functionalities through user-specific access levels by means of 202 codes, 100 transponders or RFID cards, 100 wireless keys, 100 finger prints. Access to the protected area can be automated and scheduled by 8 access periods and 16 timers.



Integrated video surveillance

The TP8-96 VIDEO alarm system, through the onboard 8 channels Ethernet LAN switch, permits the direct integration of the Videoalarm video surveillance system. The synergy of both systems offers significant functional advantages, which would not be obtainable from traditional video surveillance systems. The integration guarantees the complete interaction. The link between both systems is the TSP7000 video console which manages the duplex operation easily and efficiently.



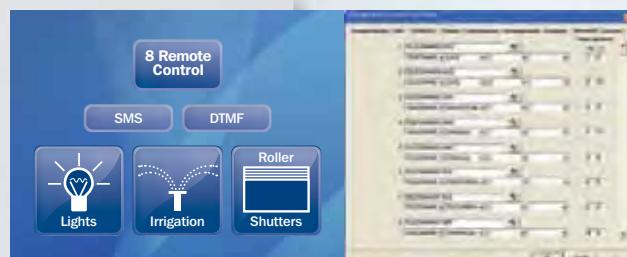
Telephone section

The sophisticated telephone section provides 8 channels which are compatible with both the GSM/GPRS and Ethernet vector. The system supports an additional GSM telephone communicator for emergency calls, connectable via serial bus. The telephone section implements all the major communication protocols, i.e. speech, SMS, FSK, DTMF and TCP/IP. The voice messages are composed automatically by the system. Using the onboard vocabulary, it is in fact possible to send precise and detailed alarm messages with indication of the interested zones. The system is able to communicate with third-party central monitoring stations using 51 proprietary protocols.



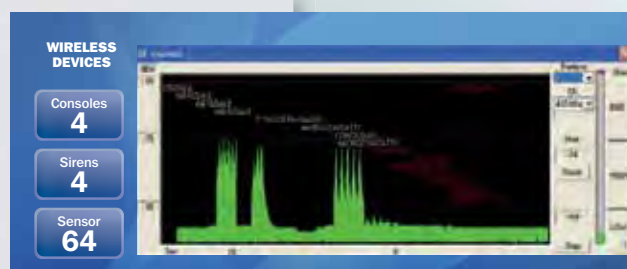
Interaction

The TP8-96 VIDEO system provides 8 remote controls permitting the user to interact with the system at any time through telephone calls or SMS messages. The remote controls are customizable and allow to interrogate and manage system functions as well as external devices such as heating, air-conditioning or lighting systems.



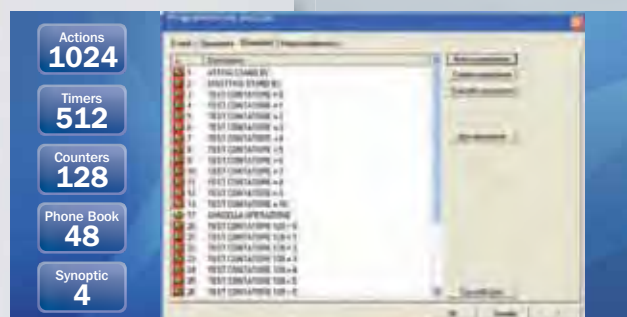
Wireless section

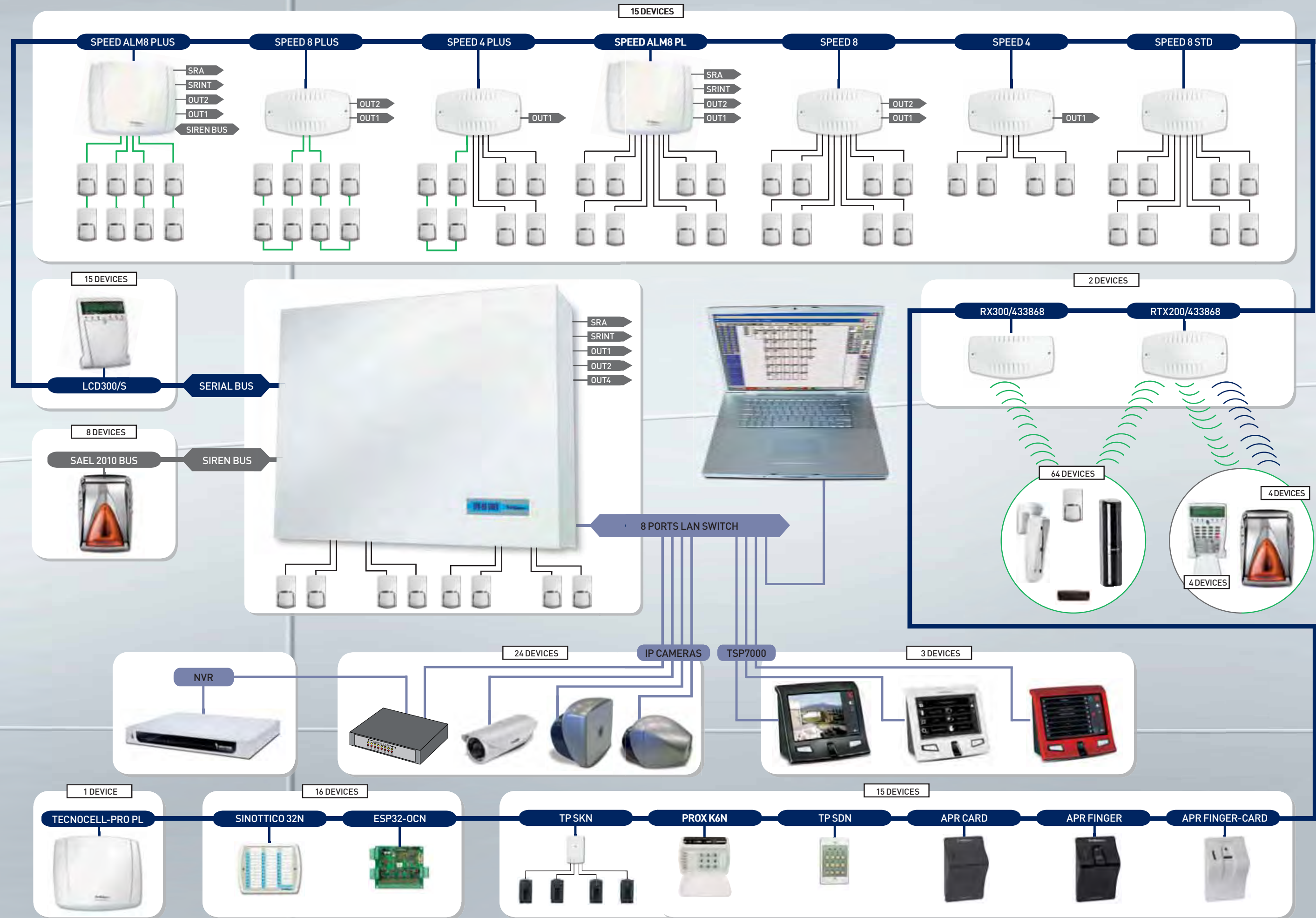
The wireless expansion of the system is possible by the installation of up to 2 wireless receiver-transmitters managing a total of 100 wireless keys, 64 detectors, 4 consoles and 4 sirens. The wide range of Tecnoalarm wireless detectors, composed of indoor and outdoor motion detectors as well as perimeter protections, offers the right solution for any kind of protection requirements.



Advanced programming

The advanced programming tool is a software expansion of the programming facilities of the TP8-96 VIDEO system permitting a large extent of customization extending the system's resources and integrating home automation functions. It allows to offer functional solutions to particular application requirements making cost-expensive external devices redundant and implementing the PLC (programmable logic controller) programming logic. The conventional functionality of the inputs, outputs, channels, remote controls etc. is redefined through a series of actions, associated to the events. The actions can be linked and scheduled by timers and counters.





TECHNICAL SPECIFICATIONS OF BUS EXPANSIONS

Input
expansions



	SPEED ALM8 PLUS	SPEED 8 PLUS	SPEED 4 PLUS	SPEED ALM8 PL	SPEED 8	SPEED 4	SPEED 8 STD
POWER SUPPLY	1.8A			1.8A			
ZONES	8	8	4 + 4	8	8	4	8
OUTPUTS	4	2	1	4	2	1	
SENSOR BUS	4	2	1				
SIREN BUS	1						
RS485	✓	✓	✓				
RS422	✓	✓	✓	✓	✓	✓	
ZONE BUS			✓	✓	✓	✓	
CASING	✓	optional	optional	✓	optional	optional	optional
CODE	F101SPEALM8PLUS	F101SPEED8PLUS	F101SPEED4PLUS	F101SPEEDALM8PL	F101SPEED8	F101SPEED4	

Wireless
expansions



	RTX200/433868	RX300/433868
RECEIVER		✓
RECEIVER-TRANSMITTER	✓	
RX FREQUENCY	433MHz/868MHz	433MHz/868MHz
TX FREQUENCY	868MHz	
CASING	✓	✓
CODE	F102RTX200	F102RX300

Video
console



	TSP7000 TV-BIO	TSP7000	TSP7000 STD-BIO
FINGER PRINT READER	✓		✓
FINGER PRINTS	100 (internal memory)		100 (internal memory)
CODES	✓	✓	✓
PROGRAMS	8	8	8
VOICE SYNTHESIS	✓	✓	✓
DISPLAY	7" LCD - 65000 colors - touch screen - 800x480dpi resolution		
VIDEO STREAMING	✓	✓	
COMPRESSION	MPEG-4SP	MPEG-4SP	
PHOTO MEMORY	local	local	
ETHERNET PORT	✓	✓	✓
USB PORT	✓	✓	✓
RS422 SERIAL PORT	✓	✓	✓
TV OUTPUT	✓		
CODE	F210TSP7000BITV	F210TSP7000	F210TSP7000STBI

Secondary
control units



	APR FINGER-CARD	APR FINGER	APR CARD	TP SDN	PROX K6N	TP SKN
FINGER PRINT READER	✓	✓				
RFID CARDS	✓		✓			
CODES				✓		
TRANSPONDERS					✓	✓
PROGRAMS	3	3	3	4	6	3
SIGNALING LED	4	4	4	7	10	
FINGER PRINTS	100 (internal memory)	100 (internal memory)				
CODE	F103APRFINGCARD	F103APRFING	F103APRCARD	F127TPSDN	F127PROXK6N	F127TP-SKN

LCD
console



	LCD300/S
CODES	✓
PROGRAMS	8
DISPLAY	2x16 characters
VOICE SYNTHESIS	✓
SIGNALING LED	36
CODE	F127LCD300S

Output
expansions



	ESP32-OCN	SINOTTICO 32N
OUTPUTS	32 programmable open collectors	
SIGNALING LED		32 programmable LED
CASING	optional	
CODES	F127ESP32OCN	F127SINOTTICON

GSM



	TECNOCELL-PRO PL
FUNCTION	secondary/backup
VOICE MESSAGES	✓
SMS MESSAGES	✓
PROTOCOLS	✓
BACKUP	✓
CODE	F104TECNOC/PPL

Sirens

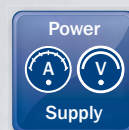
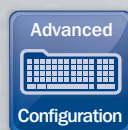
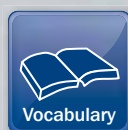


	SAEL 2010 BUS	SAEL 2010PRO BUS
PROGRAMS	1 to 8	1 to 8
ALARM MODES	16	16
ANTI-FOAM	✓	✓
ANTI-DRILLING		✓
CASING	ABS	aluminum
CODE	F105S2010BUSBI	F105S2010PROBUS

TECHNICAL AND FUNCTIONAL SPECIFICATIONS

ZONES	Total logic zones	96	SERIAL BUS EXPANSIONS	Hard-wired input expansions	15
	CPU hard-wired zones	8		Wireless expansions	2
	Total hard-wired zones	96		Consoles	15
	Total wireless zones	64		Secondary control units	15
OUTPUTS	CPU programmable outputs	5	VIDEOALARM EXPANSIONS	Output expansions	16
	Logic siren outputs	8		GSM telephone communicator	1
SYSTEM FEATURES	RS485 serial bus	2		Bus sirens	8
	Voice synthesis	✓		Wireless sirens	4
	On board vocabulary	✓		Wireless consoles	4
	Event buffer capacity	2000	ADVANCED PROGRAMMING	Video consoles	3
PROGRAMS ACCESS MANAGEMENT	Programs	8		IP cameras	24
	Access codes	202		NVR	✓
	Finger prints	100		PC	✓
	Transponders/RFID	100	ACCESSORY MANAGEMENT	Actions	1024
	Wireless keys	100		Timers	512
				Counters	128
AUTOMATION	Timers	16		Telephone directory	48
	Access periods	8	ELECTRICAL SPECIFICATIONS	Reserved output expansions	4
	Calendar	2 years		TECNO OUT management	optional
	Scheduled messages	3		Web server management	✓
	Remote controls	8	PHYSICAL SPECIFICATIONS	Printer management	✓
	Test call	✓		Operating voltage	230V AC +/- 10% 50Hz
	Server test call	✓		CPU board consumption	300mA @ 13.8V DC
TELEPHONE SECTION	Channels	8	CONFORMITY	Power supply	6.2A @ 14.8V DC
	Primary vector	GSM/GPRS		Battery	2x 12V/12Ah
	Secondary vector	external GSM		Casing	metal
	Integrated Ethernet switch	8 ports - 8 channels		Dimensions (L x H x D)	472 x 431 x 114mm
	Transmittable events	263		Weight (without batteries)	9.6kg
	Telephone number length	24 digits			
	Call event queue	32			
	Communication protocols	51			

CONTROL PANEL VERSIONS



TP8-96 VIDEO/V	For the item numbers please contact the reseller	✓	✓			6.2A	✓
TP8-96 VIDEO/VA		✓	✓	✓		6.2A	✓
TP8-96 VIDEO/VT		✓	✓		✓	6.2A	✓
TP8-96 VIDEO/VAT		✓	✓	✓	✓	6.2A	✓



All specifications listed in this brochure are subject to change without notice.



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