

GSM 4G communicators

TECNOCELL 4		TCS	4G GSM-LTE	VoLTE Voice over LTE 4G	TCP/IP	SELF POWERED	USB PORT	ABS BOX
	The TECNOCELL 4 communicator is compatible with old and new generation Tecnoalarm systems. It can be connected to a control panel via RS485 serial bus or, instead, by means of a dedicated RS422 serial bus and the optional ESP GSM LINK interface. In this way, it emulates the operation of an internal GSM interface and replaces the ESP GSM 4G interface of the control panel. This operating mode allows to decentralize the position of the communicator to obtain two advantages: maximize the signal power and increase the intrinsic security of the system by installing the communicator in a hidden location.							
	Item no. F104TECNOCELL4							

TECNOCELL 4 - Technical and functional specifications

General features	Type	TECNOCELL 4
System features	Communication parameters	Channels
		Notification
		Events
Hardware	Vocabulary	On-board
	Battery	✓
	USB port	USB type B
Anti-tamper protection	Anti-opening/detachment	Micro-switch
	Jam detector	✓
Internal GSM mode	Connection	RS422
	Connection interface	ESP GSM LINK
	Communication channels	Tecnoserver
		Remote Server
		Voice - Data - SMS
	Protocols	26
	Encryption	AES 128/256 bit
	Telematic services	TCS
External GSM mode	Connection	Serial Bus
	Communication channels	Tecnoserver
		Remote Server C.ID
		Voice - Data - SMS
	Protocols	20
Electrical specifications	Emergency numbers	4
	Emergency message	Voice and/or SMS
	Operating voltage	10V...15V DC
	Stand-by consumption	95mA @ 12V DC
Physical specifications	Max. consumption	200mA @ 12V DC
	Batteries	2x 1.2V (AA) - NiMH
	Environmental class	II
	Protection class	IP3x
	Casing	ABS
	Dimensions (L x H x D)	270 x 156 x 68mm
	Weight	520g



SYSTEM	EXTERNAL GSM MODE - SUPPORTED SERVICES									
	NOTIFICATIONS					TECNOMODEM		TECNOSERVER TCP/IP		
	Voice protocols	Tecnalarm protocols	Contact ID protocols	SMS	Emergency SMS	Call back	Keep online	Remonte management	Call back 4G	Keep online 4G
										
TP4/R	✓ (4MSG)	✓			✓	✓ (DTMF)	✓ (DTMF)			
TP6/R	✓ (4MSG)	✓			✓	✓ (DTMF)	✓ (DTMF)			
TP12/R	✓ (4MSG)	✓			✓	✓ (DTMF)	✓ (DTMF)			
TP14/R	✓ (4MSG)	✓			✓	✓ (DTMF)	✓ (DTMF)			
DIALOG 128	✓ (4MSG)	✓			✓	✓ (DTMF)	✓ (DTMF)			
TP8-64	✓ (wire S)	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP8-64 BUS	✓ (wire S)	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP16-256	✓ (wire S)	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP4-20	✓ (4MSG)	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP8-96 VIDEO	✓ (wire S)	✓	✓		✓	✓	✓	✓	✓	✓
TP8-28	✓ (wire S)	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP8-28 GSM	✓ (wire S)	✓	✓		✓	✓	✓	✓	✓	✓
TP10-42	✓ (wire S)	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP8-88	✓ (wire S)	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP20-440	✓ (wire S)	✓	✓	✓	✓	✓	✓	✓	✓	✓

SYSTEM	INTERNAL GSM MODE - SUPPORTED SERVICES										
	SERVICES	NOTIFICATIONS					TECNOSERVER TCP/IP				
	TCS	Voice protocols	Tecnalarm protocols	Contact ID protocols	SMS	Emergency SMS	Call back	Keep online	Remonte management	Call back 4G	Keep online 4G
											
TP10-42	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP8-88	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP20-440	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

TECNOCELL 4 - Accessories

	ESP GSM LINK
	Interface for connecting the TECNOCELL 4 communicator via RS422 serial bus - In this configuration, the TECNOCELL 4 communicator emulates the operation of the ESP GSM 4G interface
	Item no. F127ESPGSMLINK