

evolution

Tecn^oalarm[®]



Wireless alarm system

DESIGN BY

pininfarina

Catalog

Edition 1-2020



Evolution: a step in the future

High-end technology and functions
with all the experience of Tecnoalarm



Wireless alarm system



Tecnoalarm Connect Service - Thanks to the telematic service TCS of Tecnoalarm and the excellent communication devices, the Evolution systems are always monitored and connected to the app Evolution in order to quickly and easily take advantage of the multiple control and management functions.



EV@BWL - The bidirectional multichannel wireless protocol EV@BWL guarantees a high level of device monitoring as well as a good management of energy consumption.



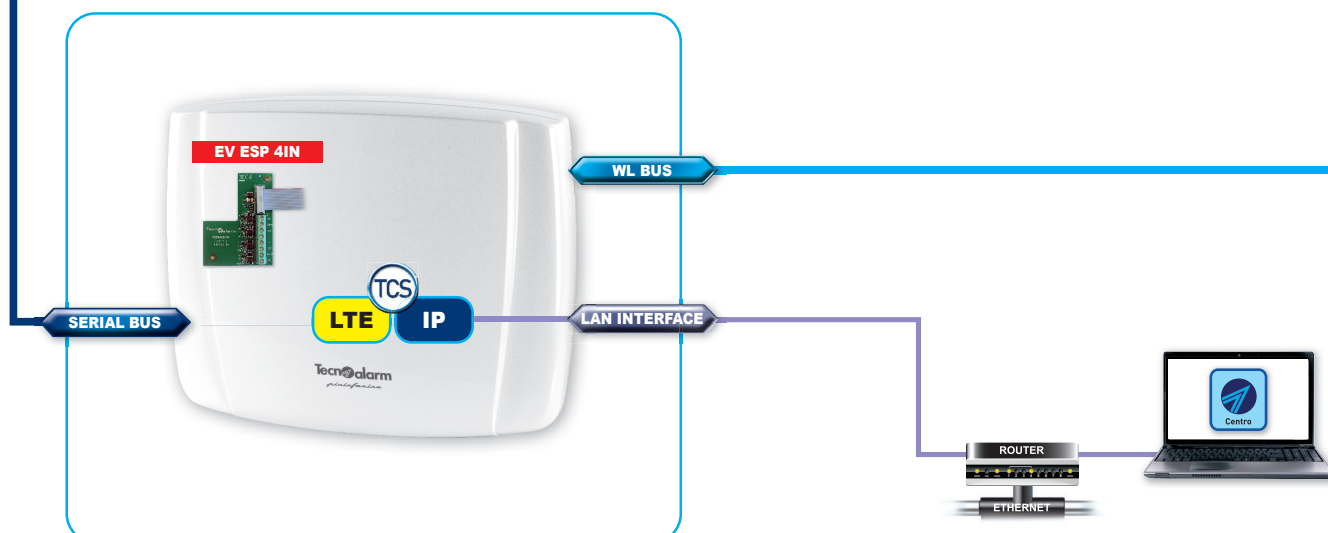
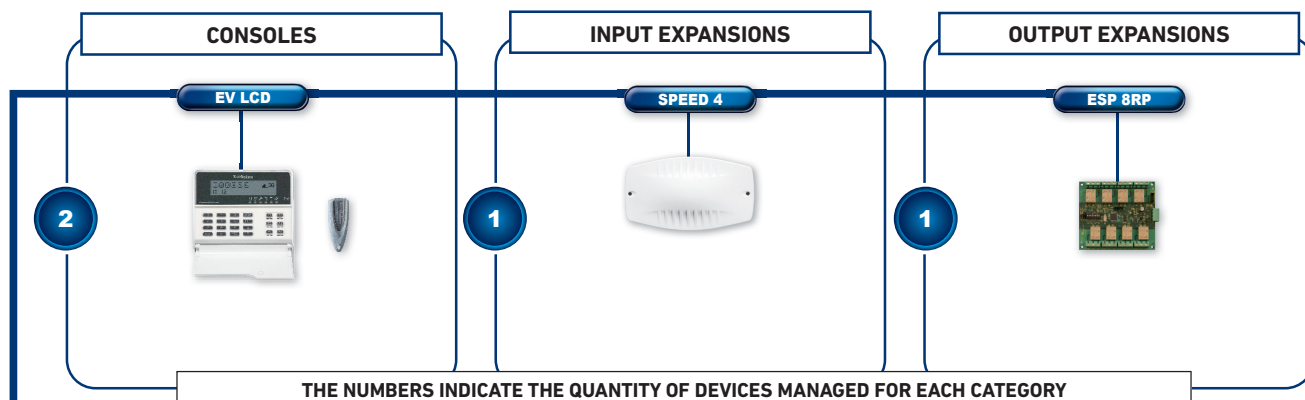
Remote Sensitivity Control - The exclusive technology developed by Tecnoalarm allows to remotely program, manage and control all the operating parameters of each system component.

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EV 4-24 3G - EV 4-24 4G

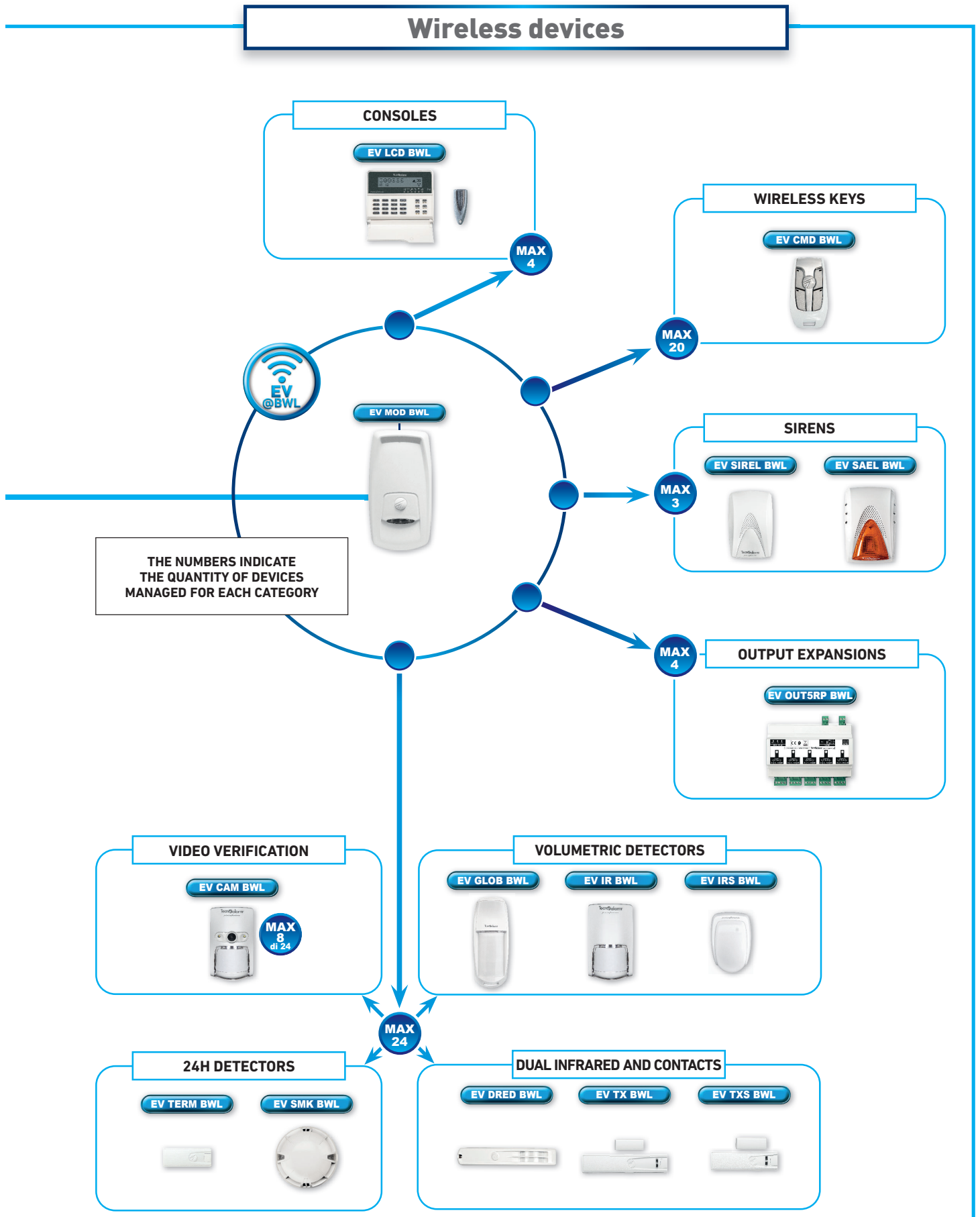
Hard-wired devices



TELEMATIC SERVICES



System configuration



Wireless control panels

AVAILABLE MODELS



EV 4-24 3G

Item no. F101EV4243G-UK

EV 4-24 4G

Item no. F101EV4244G-UK

EV 4-24 3G - EV 4-24 4G

- 24 logic zones
- Max. 8 conventional hard-wired zones
- Max. 24 wireless zones
- 1 tamper input
- 1 programmable relay output
- 2 logic sirens
- 1 WL Bus port for connecting the EV MOD BWL module
- 1 Serial Bus port for connecting conventional peripheral devices
- Integrated communication devices IP WAN, 3G UMTS/4G LTE
- ATE category: Single Path SP3-SP5 and Dual Path DP1-DP4
- 8 channels for event notification
- 1 call back channel for connection with a monitoring station
- 2 telephone numbers/IP addresses per channel
- 41 protocols for different transmission in the formats: Speech, SMS, Ring, DTMF, Data, EMAIL and TCS
- Security: AES 128 bit and 256 bit data encryption
- 4 + 1 Server TCP/IP channels with access controlled by Passphrase and White list
- 8 + 1 Client TCP/IP channels with customizable encryption key
- GSM network cell scanner function
- Jammer detector function
- Management of the telematic services TCS, DDNS Tecnoalarm, SNTP and Mail Server Tecnoalarm
- Voice synthesis
- Management of multiuser systems with common zones
- 6 programs
- 50 access codes
- 20 transponders/RFID cards
- 20 wireless keys
- 6 remote controls
- 8 timers
- 4 access periods
- 6 cyclic timers
- Customizable biennial or perpetual calendar
- Digital control of the radio range and interferences
- Programmable coincidence function
- Event buffer with a capacity of 3,256 events
- Bay for 12V/7Ah battery
- Battery test with automatic disconnection in case of failure
- Integrated 1.9A switching power supply
- Compliant with EN 50131 - Security grade 2, EN 50136-2

EV 4-24 3G - EV 4-24 4G - Technical and functional specifications

Zones	Total logic zones	24	Telematic services	TCS	✓
	Total hard-wired zones	8		DDNS Tecnoalarm	✓
	Total wireless zones	24		Mail Server Tecnoalarm	✓
				SNTP	✓
Outputs	Outputs	1 (relay)	Internal expansion	Input expansions	1 (4 inputs)
	Logic sirens	2			
System features	Wireless receiver-transmitter module	EV MOD BWL	Wireless devices managed	Detectors	24
	RS485 serial bus	2		Consoles	4
	Voice synthesis	✓		Sirens	3
	Image memory	Micro SD (optional)		Output expansions	4 (20 outputs)
	Event buffer capacity	32,256 events	Serial system expansions	Hard-wired input expansions	1
Programs and access management	Programs	6		Consoles	2
	Codes	50		Output expansions	1 (16 outputs)
	Transponders/RFID	20	Accessory management	App (iPhone + Android)	Evolution
	Wireless keys	20			
Automation	Timers	8	Electrical specifications	Operating voltage	230V AC +/- 10% 50Hz
	Access periods	4		Consumption CPU board	190mA @ 13.8V DC
	Calendar	Biennial or perpetual		Consumption receiver-transmitter module	35mA @ 13.8V DC
	Remote controls	6		Power supply	1.9A @ 14.4V DC
	Cyclic timers	6		Battery	12V/7Ah
	Test call with TCP/IP	✓	Physical specifications	Environmental class	II
Communication interface	Communication devices	IP WAN		Casing	ABS
		3G UMTS/4G LTE		Dimensions (L x H x D)	350 x 285 x 93mm
	ATE category	SP3-SP5 DP1-DP4		Weight (w/o battery)	2.7kg
	Protocols	41		Operating temperature	-10°C...+55°C
	Encryption	AES 128/256 bit		Humidity (non-condensing)	93%
	Passphrase	Programmable			
	Event notification channels	8 + 1			
	Server TCP/IP channels	4 + 1			
	Client TCP/IP channels	8 + 1			
	Transmittable events	109			
	Telephone numbers/ IP addresses	2 per channel (max. 24 digits)			
	Call event queue	64			

Product range Evolution

PRODUCT RANGE

	EV 4-24 3G	F101EV4243G-UK	Control panel 4-24 zones - Integrated IP WAN and 3G UMTS interfaces
	EV 4-24 4G	F101EV4244G-UK	Control panel 4-24 zones - Integrated IP WAN and 4G LTE interfaces
	EV MOD BWL	F102EVMODBWL	Wireless receiver-transmitter module - Connection through WL Bus port
	EV LCD BWL	F102EVLCDLWL	Wireless LCD console - Integrated RFID reader
	EV CMD BWL	F102EVCMDLWL	Wireless key - 3 command keys - 1 query key
	EV IRS BWL	F102EVIIRBWL	Infrared detector for indoor use - Short range coverage
	EV IR BWL	F102EVIIRBWL/V	Infrared detector for indoor use - High density coverage
		F102EVIIRBWL/C	
		F102EVIIRBWL/T	
		F102EVIIRBWL/PET	
	EV CAM BWL	F102EVCAMBWL	Infrared detector for indoor use - Integrated camera
	EV DRED BWL	F102EVDREDBWL	Dual infrared detector for indoor use - Integrated magnetic contact Single/dual ID functioning
		F102EVDREDBWLM	
	EV GLOB BWL	F102EVGLOBBWL	Triple infrared detector for outdoor use - Multi-point technology
	EV TX BWL	F102EVTXBWL	Magnetic contact for indoor use - 2 inputs for external devices Single/dual ID functioning
		F102EVTXBWLM	
	EV TXS BWL	F102EVTXSBLWL	Magnetic contact for indoor use
		F102EVTXSBLWLM	
	EV SMK BWL	F102EVSMBWL	Optical smoke detector for indoor use
	EV TERM BWL	F102EVTREMBWL	Temperature and humidity detector for indoor use
	EV SIREL BWL	F102EVSIRELBWL	Piezoelectric siren for indoor use - Sound level 103dB(A) @ 1m
	EV SAEL BWL	F102EVSAELBWL	Piezoelectric siren for outdoor use - Sound level 103dB(A) @ 1m Multifunction flashlight
	EV OUT5RP BWL	F127EVOUT5RPBWL	Wireless output expansion - 3 signal relays - 2 power relays
	EV ESP 4IN	F127EVESP4IN	Internal input expansion - 4 inputs
	EV KEY	F103EVKEY	Transponder
	EV LCD	F127EVLCD	Hard-wired LCD console - Integrated RFID reader
	SPEED 4-140C	F101SPEED4140C	Hard-wired input/output expansion - 4 inputs - 14 open-collector outputs
	SPEED 4	F101SPEED4	Hard-wired input/output expansion - 4 inputs - 1 open-collector output
	ESP32-OCN	F127ESP32OCN	Hard-wired output expansion - 32 open-collector outputs (the control panel manages max. 16 outputs)
	ESP 4RS	F127ESP4RS	Hard-wired output expansion - 4 signal relays
	ESP 8RP	F127ESP8RP	Hard-wired output expansion - 8 power relays
	ESP 8RSP	F127ESP8RSP	Hard-wired output expansion - 7 signal relays - 1 power relay

Bidirectional 868MHz wireless devices

Wireless receiver-transmitter module

R E C E I V E R - T R A N S M I T T E R

EV MOD BWL



Highly sensitive UHF receiver-transmitter - Bidirectional wireless communication with EV@BWL protocol and AES 128 bit encryption - Connection through WL Bus port - Mounting inside the control panel casing or surface mounting at max. 50m distance - Anti-tamper protection: anti-opening/antidetachment, serial bus sabotage, antijamming - ABS casing - White color - Environmental class II

Item no. F102EVMOBWL

Wireless console

C O N S O L E

EV LCD BWL



Console with graphic LCD display, integrated RFID reader and acoustic signaling device - Interactive and intuitive graphic interface - Management of 6 programs - Programmable backlight with light sensor - Ultra-thin casing - Surface mounting - Integrated RSC® technology: programming, remote management - Anti-tamper protection - Lithium battery - ASA casing - Design by Pininfarina - White color - Environmental class II

Item no. F102EVLCDWL

Wireless key

W I R L E S S K E Y

EV CMD BWL



Wireless key

3 command keys and 1 query key for the management of programs and remote controls - Programmable functions and attributes - Integrated RSC® technology: programming, remote management - Lithium battery - ABS casing - White color - Environmental class II

Item no. F102EVCMBWL

Wireless detectors

S H O R T R A N G E I N F R A R E D D E T E C T O R

EV IRS BWL



Passive infrared detector for indoor use

Detection features: 22 infrared beams, 4 levels, coverage 100°, max. range 10m - Programmable pulse count -

Integrated RSC® technology: programming, remote management - Anti-tamper protection: anti-opening/anti-detachment, supervision - Lithium battery - ABS casing - Design by Pininfarina - White color - Environmental class II

Item no. F102EVIRSBWL

Wireless detectors

HIGH DENSITY INFRARED DETECTOR

EV IR BWL



Passive infrared detector for indoor use
Available with 4 different lens patterns: wide angle, long range, curtain and wide angle pet -
Detection features wide angle lens: 29 infrared beams, 4 levels, coverage 108°, max. range 14m - Programmable pulse count -
Integrated RSC® technology: programming, remote management -
Anti-tamper protection: anti-opening/anti-detachment, supervision -
Lithium battery - ABS casing - Design by Pininfarina - White color
Environmental class II

EV IR BWL/V	Item no. F102EVIRBWL/V (Wide angle)
EV IR BWL/C	Item no. F102EVIRBWL/C (Long range)
EV IR BWL/T	Item no. F102EVIRBWL/T (Curtain)
EV IR BWL/PET	Item no. F102EVIRBWL/PET (Pet)

Wireless detectors

INFRARED DETECTOR WITH CAMERA

EV CAM BWL



Passive infrared detector with integrated camera for indoor use
Detection features: 29 infrared beams, 4 levels, coverage 108°, max. range 14m - Programmable pulse count -
Camera: coverage 120°, white light illuminator, depth of field 12m depending on light condition, trigger subject to IR detection, programmable number of photos per event and resolution -
Transfer of photos to the control panel in the background on dedicated channel - Photo storage on control panel (Micro SD) -
Viewing of photos and remote release through app Evolution -
Integrated RSC® technology: programming, remote management -
Anti-tamper protection: anti-opening/anti-detachment, supervision -
Lithium battery - ABS casing - Design by Pininfarina - White color
Environmental class II

Item no. F102EVCAMBWL

Wireless detectors

DUAL INFRARED DETECTOR FOR INDOOR USE

EV DRED BWL



Dual passive infrared detector with internal magnetic contact for indoor use
Suitable for the protection of doors, windows and openings -
Input for external magnetic contact, rope contact or vibration detector -
IR detection features: 10 infrared beams, 2 levels, coverage 3°, max. range 2,5m - Programmable pulse count - Single/dual ID functioning - AND detection logic - Automatic temperature compensation - Integrated RSC® technology: programming, remote management - Anti-tamper protection: anti-opening/anti-detachment, supervision - Lithium battery - ASA casing - White or brown color
Environmental class II

EV DRED BWL

Item no. F102EVDREDBWL (white)

EV DRED BWL/M

Item no. F102EVDREDBWLM (brown)

Wireless detectors

TRIPLE INFRARED DETECTOR FOR OUTDOOR USE

EV GLOB BWL



Triple passive infrared detector for outdoor use with a multi-point technology for a high density coverage
Detection features: 43 infrared beams, 5 levels, max. range 15m, coverage adjustable by shutter - AND/OR detection logic - Automatic temperature compensation - Integrated RSC® technology: programming, remote management - Anti-tamper protection: anti-opening/anti-detachment, supervision - Lithium battery - ASA casing - White color
Environmental class III

Item no. F102EVGLOBBWL

Wireless detectors

DUAL ZONE MAGNETIC CONTACT

EV TX BWL



Magnetic contact for indoor use
Suitable for the protection of doors, windows and openings - Internal dual reed contact - 2 inputs for external reed contacts, rope contacts or vibration detectors - Single/dual ID functioning - Integrated RSC® technology: programming, remote management - Anti-tamper protection: anti-opening/anti-detachment, supervision - Surface mounting - Lithium battery - ABS casing - White or brown color
Environmental class II

EV TX BWL	Item no. F102EVTXBWL (white)
EV TX BWL/M	Item no. F102EVTXBWLM (brown)

Wireless detectors

SINGLE ZONE MAGNETIC CONTACT

EV TXS BWL



Magnetic contact for indoor use
Suitable for the protection of doors, windows and openings - Internal dual reed contact - Integrated RSC® technology: programming, remote management - Anti-tamper protection: anti-opening/anti-detachment, supervision - Surface mounting - Lithium battery - ABS casing - White or brown color
Environmental class II

EV TXS BWL	Item no. F102EVTXSBWL (white)
EV TXS BWL/M	Item no. F102EVTXSBWLM (brown)

Wireless detectors

OPTICAL SMOKE DETECTOR

EV SMK BWL



Optical smoke detector with Tyndall effect for indoor use
Programmable sensitivity - Signaling LED -
Integrated RSC® technology: programming, remote management -
Anti-tamper protection: supervision - Surface ceiling mounting -
Lithium battery - ABS casing - White color
Environmental class II

Item no. F102EVSMKBWL

Wireless detectors

TEMPERATURE AND HUMIDITY DETECTOR

EV TERM BWL



Temperature and humidity detector for indoor use
Transmission of the measured temperature and humidity values
to the control panel which activates the outputs programmed
for the control of heating/air conditioning equipment -
Integrated RSC® technology: programming, remote management -
Anti-tamper protection: supervision - Surface mounting - Lithium battery -
ABS casing - White color
Environmental class II

Item no. F102EVTERMBWL

Wireless sirens

SIREN FOR INDOOR USE

EV SIREL BWL



Piezoelectric siren for indoor use
Sound level 103dB(A) @ 1m -
Programable functions: program association, different signaling mode for prealarm, alarm and technical alarm -
Test functions: check of the receiver-transmitter and the horn -
Integrated RSC® technology: programming, remote management -
Anti-tamper protection: anti-opening/anti-detachment, supervision -
Lithium battery - ABS casing - Design by Pininfarina - White color
Environmental class II

Item no. F102EVSIRELBWL

Wireless sirens

WIRELESS SIREN FOR OUTDOOR USE

EV SAEL BWL



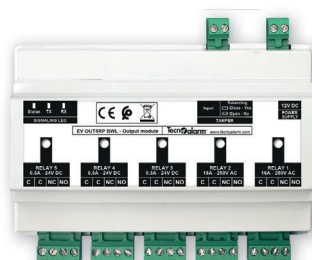
Piezoelectric siren for outdoor use
Sound level 103dB(A) @ 1m - LED flashlight -
Programable functions: program association, volume, different signaling mode for prealarm, alarm, technical alarm and chime, system status signaling -
Test functions: check of the receiver-transmitter, the flashlight and the horn -
Integrated RSC® technology: programming, remote management -
Anti-tamper protection: anti-opening/anti-detachment, supervision -
Lithium battery - ABS casing - Design by Pininfarina - White color
Environmental class II

Item no. F102EVSAELBWL

Wireless expansion module

OUTPUT EXPANSION

EV OUT5RP BWL



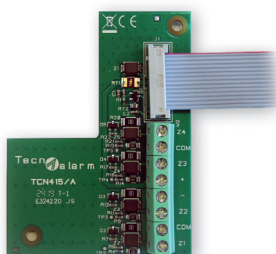
Output expansion module with 5 programmable bistable relay outputs:
3 signal relays (0,3A 24V DC), 2 power relays (16A 250V AC) -
Power supply 12V DC -
Integrated RSC® technology: programming, remote management -
Anti-tamper protections: retrofittable with tamper switch, supervision -
Mounting on DIN bar or surface mounting

Item no. F127EVOUT5RPBWL

Internal expansion modules and accessories

Input expansion INPUT EXPANSION

EV ESP 4IN



Expansion module with 4 inputs for the connection of conventional detectors and/or RDV® detectors from Tecnoalarm -
Connection through flat cable with CPU board of the control panel

Item no. F127EVESP4IN

Transponder TRANSPONDER

EV KEY



High security transponder with a unique preprogrammed code
Unduplicatable nor reprogrammable -
ABS casing - Grey color

Item no. F103EVKEY

Hard-wired expansion modules

Console

C O N S O L E

EV LCD



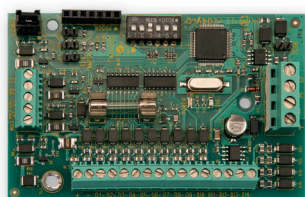
Console with graphic LCD display, integrated RFID reader and acoustic signaling device
Interactive and intuitive graphic interface -
Voice synthesis (S wire) - Connection via RS485 serial bus -
Management of 6 programs - Programmable backlight with light sensor -
Ultra-thin casing - Surface mounting -
Anti-tamper protection: anti-opening/anti-detachment, serial bus sabotage, false code - ASA casing - Design by Pininfarina - White color
Environmental class II

Item no. F127EVLCD

Expansion modules

I N P U T / O U T P U T E X P A N S I O N S

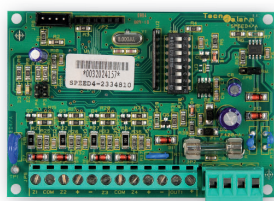
SPEED 4-140C



Expansion module with 4 inputs for the connection of conventional detectors and/or RDV® detectors from Tecnoalarm
14 programmable open-collector outputs -
Connection via RS485 serial bus

Item no. F101SPEED4140C

SPEED 4



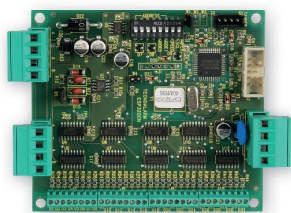
Expansion module with 4 inputs for the connection of conventional detectors and/or RDV® detectors from Tecnoalarm
1 programmable open-collector output -
Connection via RS485 serial bus

Item no. F101SPEED4

Expansion modules

OUTPUT EXPANSIONS

ESP32-OCN



Expansion module with 32 open-collector outputs (the control panel manages max. 16 outputs) - Connection via RS485 serial bus

Item no. F127ESP32OCN

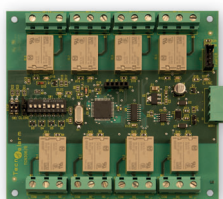
ESP 4RS



Expansion module with 4 programmable bistable signal relays with potential-free change-over contacts (max. 24V DC @ 0.3A) Connection via RS485 serial bus

Item no. F127ESP4RS

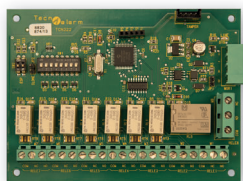
ESP 8RP



Expansion module with 8 programmable bistable power relays with potential-free change-over contacts (max. 250V AC @ 4A) Connection via RS485 serial bus

Item no. F127ESP8RP

ESP 8RSP



Expansion module with 8 programmable bistable relay output with potential-free change-over contacts: 7 signal relays (max. 24V DC @ 0.3A), 1 power relay output (max. 250V AC @ 4A) Connection via RS485 serial bus

Item no. F127ESP8RSP

App Evolution

THE APP FOR THE SYSTEM EVOLUTION



The app Evolution is the exclusive communication channel between the user and the system Evolution from Tecnoalarm. The app for management of the security systems evolves and makes the operation and control of the systems Evolution even more easy and intuitive.

App Evolution: push notifications in real time

In addition to the voice call, sms, e-mail, the system Evolution transmits the events via push notification to your mobile phone.



The app permits to simply and intuitively interact with the system Evolution, manage the zones, programs and remote controls, control the home automation systems as well as shoot and view photos of the protected environments. The alarm notification of the infrared detectors equipped with cameras includes the sequence of photos recorded during the alarm (Video Verification). The app Evolution provides new filter functions that simplify the consultation of the event log. In addition, menu shortcuts that can be configured by the user, accelerate the management of the programs and the remote controls.

General terms of sale and delivery

GENERAL TERMS OF SALE AND DELIVERY

1. PREMISES

This document contains the general terms of sale and delivery that govern the business relations between Tecnoalarm S.r.l. (Seller) and its customers (Buyers), for any type of product and service. Unless otherwise specified, these terms are applied to all Buyers, in this case professional customers. The terms are an integral part of the "Tecnoalarm General Catalogue", and are considered implicitly known to and accepted by the Buyer when placing the purchase order. The terms, if no other agreement (void if not in written form) exists, are to be considered as binding for the sale of any product of Tecnoalarm. The Seller reserves the right to change them without notice and without prejudice to the validity of previous terms in force at the time of the order. Any different terms and conditions used by the Buyer shall not apply to the relations between the parties if not accepted in writing and, in any case, shall be coordinated with these terms, unless expressly exempted by written act. The acceptance of these terms and the accompanying warranty conditions, as well as all the subsequent relations, agreements, and generally, the behaviors of the parties eventually governed by the same, do not entail the transfer to the Buyer of any exclusive right, nor the establishment of relations of granting, commission and mandate, with or without representation. Equally, they do not give the Buyer the right to market the Tecnoalarm products via e-commerce, or any other form of mail order sales nor to use in any form the mark, the name or other distinctive marks of Tecnoalarm.

2. PURCHASE ORDERS

No purchase order sent by the Buyer shall be binding for the Seller if not expressly accepted in writing. The order accepted by the Seller constitutes a firm and irrevocable proposal of contract. Sending an order and collecting the goods by the Buyer shall entail the contextual and integral recognition, knowledge and acceptance of the terms and the attached warranty conditions. The Seller is not bound, except with the express confirmation or subsequent ratification, by the declarations of its agents, business procurers, distributors and other commercial auxiliaries. The acceptance without expressed reservation by the Buyer of products non-compliant in terms of type or quantity, or sent with conditions other than those contained in the request of the Buyer or the offer of the Seller, implies the acceptance by the Buyer of the supply and the terms applied by the Seller. These reservations, even if made in the form of clarifications or corrections to the terms of delivery, shall not be effective if they will not be formulated by the Buyer in writing, immediately after the receipt of the goods.

3. PLACING OF ORDERS

Except as provided in the previous article, the Seller only accepts orders placed according to the procedure provided for in this article. All orders must be submitted in writing and complete in every part needed for the correct identification of the requested products. The Buyer may request the cancellation or modification of the order only before the execution of the same, through written communication. The Seller has the right to not accept changes or cancellations if the order is already being processed. The changes and the cancellation of the purchase orders, to be effective, must be expressly accepted by the Seller in writing.

4. DELIVERY OF THE PRODUCTS

No purchase order sent by the Buyer will be fulfilled by the Seller if not expressly accepted. Unless otherwise agreed in writing between the parties, the Seller shall deliver the products "ex works" (EXW) Turin, one of his subsidiaries or decentralized warehouses, within the terms of delivery agreed on the acceptance of the order. If required, the Seller will take care of the transport of the products and - in the absence of specific instructions of the Buyer - will choose the carrier that it deems appropriate. Unless otherwise specifically agreed in writing, the transport will take place with the clause "free carrier" (FCA) at the expense and risk of the Buyer. The cost of the transport and packaging, unless otherwise agreed, will be added to the price of the products purchased. The delivery deadline shall be deemed to be respected if the goods are promptly delivered to the carrier. In any case, the Seller shall not be liable for transport delays that cannot be imputed to him. In the case of delayed delivery, the Buyer may cancel the part of the order not delivered only after notifying the Seller, by registered letter with acknowledgement of receipt or with certified e-mail, his intention to do so, and after granting 15 weekdays, from receipt of such communication, within which the Seller can deliver all the products specified in the reminder and not yet delivered. It is excluded any liability of the Seller for damages derived from delayed or total or partial non-delivery of the purchase order. In case the Buyer fails to collect the goods within the agreed time, he will have to refund the Seller the storage costs until delivery or sale of the goods to third parties, which may take place after 30 days from the originally agreed delivery date. Failure or delay of fulfilment of a partial delivery does not implicate the non-fulfilment of the delivery obligation in itself and will have no effect on the other partial deliveries.

5. PRICES AND TERMS OF PAYMENT

The prices specified by the Seller in quotations, order confirmations and invoices are based on the price list expressed in Euro, excluding VAT, in force on the day of the order confirmation. Unless otherwise specified, all prices are net of transportation, and any other tax, fee and locally due rate. The applicable taxes are those in force on the date of billing. Any discount on the prices charged by the Seller shall only be applicable if agreed to in writing and only in case of full compliance with the payment terms fixed. In no case will the discounts offered be extendable to supplies, also of similar goods or identical products, performed prior to or subsequent to the order to which the discounts apply. If the costs of raw materials and/or the workforce used by the Seller should suffer changes such as to modify by more than 10% the original balance, the price will be adjusted in proportion, with the option of the parties to terminate the agreement within 10 days from the notice of the variation in the price. The invoices of the Seller are accepted if they are not challenged in writing by the Buyer within 14 days of their receipt. Unless otherwise specifically agreed in writing, the method and term of payment are those previously agreed with the Seller and stated in the customer file. Any payments made to the agents of the Seller must be previously authorized in writing by the latter. According to this, any payment made to subjects not previously authorized for collection shall not discharge the obligation. Any credit instruments accepted by the Seller is subject to collection. Any delay or irregularity in the payment shall give the Seller the right to suspend deliveries and/or terminate the contracts and/or cancel orders in progress, even if not related to the payments in question, as well as the right to compensation for any damages. From the date of expiry of the payment, the default interests at the legal rate provided for in the Decree 231/2002, amended by the Decree 192/2012, shall be entirely due. In no event the Buyer will be authorized to reduce or offset the price with any credit, however occurring, against the Seller, unless prior written permission of this is granted. For the imputation of payment, reference will be made in any case to the provisions of art. 1193 par. 2 C.C. [Italian Civil Code]. The Buyer is obliged to complete payment, even in the event of a dispute or controversy, according to the condition "solve et repete".

6. RETENTION OF TITLE

In the case where the payment is carried out, in whole or in part, after delivery, the delivered products shall remain the property of the Seller up to the full payment of the agreed price, within the meaning of art. 1523 C.C. [Italian Civil Code]. The Seller shall have the right to repossess any product with retention of title and the Buyer shall bear the costs. The Seller may withhold as penalty any sum received as payment, without prejudice to the right to compensation for the greater damage. If the Buyer relinquishes the products to a third party, the rights of the Seller shall be transferred to the resale price up to the full payment.

7. TECHNICAL DESCRIPTIONS AND SPECIFICATIONS OF THE PRODUCTS

The technical data, dimensions, features, specifications, colors, weights, prices and any other data relating to the products contained in the technical and advertising documentation of the Seller, as well as the characteristics of the samples and models which may be provided to the Buyer, are merely indicative and are not binding, unless they were expressly mentioned in the offer and/or in the written acceptance by the Seller. Any statements or advertising of third parties in no way bind the Seller. Any technical design or document provided to the Buyer that enables to manufacture the products sold, or parts of them, remains the exclusive property of the Seller and shall not be copied, reproduced, transmitted to third parties or however used without the prior written consent. In addition, the Seller remains exclusive holder of all intellectual or industrial property rights relating to the products. The Seller reserves the right, at its sole discretion and without the need for any notice, to make the changes deemed most appropriate that do not adversely affect the functionality, the quality, and the aesthetics of the product itself, with the only obligation to inform the Buyer about the changes.

8. WARRANTY OF THE SELLER

Unless otherwise agreed in writing between the parties, the Seller ensures that its products (with the exception of those parts which are not directly produced) are free from flaws/defects for a period of two (2) years from the date of delivery of the goods to the Buyer. The warranty does not operate with reference to those products whose defects are due to:

- a. damage in transit
- b. improper use or negligent handling
- c. failure to comply with the Seller's instructions relating to the assembly and/or operation of the products
- d. lack of ordinary maintenance and preservation of the products
- e. normal wear and tear of moving parts;
- f. repairs and/or changes made by the Buyer or by third parties without the prior written permission of the Seller.

The Seller will, in its sole discretion, replace or repair the defective or faulty products or parts, provided that the Buyer's claim is covered by the warranty and notified within the deadlines referred to in this article. The Buyer shall notify the Seller, under penalty of loss of the right to appeal, of the presence of patent defects within eight days from delivery of the products, or hidden defects or those not detectable by reasonable inspection within eight days from discovery. After the above deadlines have expired, the products are considered as permanently accepted. Claims must be made in writing and must indicate in detail the alleged defects or non-conformities, as well as the references to the relevant invoice, DDT or order confirmation of the Seller. In addition, upon request of the Seller, adequate photographic documentation must be attached to the claims. Incomplete claims will not be covered by the warranty. The products subject to complaint should be immediately sent to the head office of the Seller, or to any other place that the latter will indicate from case to case, at the costs and expenses of the Buyer, unless otherwise agreed between the parties, in order to allow the Seller to complete the necessary checks. The warranty does not cover any damage or defects of the products resulting from, or directly related to, parts assembled/added by the Buyer. If a claim is totally or partially unfounded, the Buyer shall indemnify the Seller for all the costs incurred for the checks. In every case, the Buyer shall not assert any warranty rights towards the Seller if the products have not been paid according to the terms and conditions agreed. The Seller shall not be responsible for any damage arising and/or connected to defects of the products, except in the case of his proven deliberateness or gross negligence. In any case, the Seller shall not be liable for incidental or consequential damages of any nature, such as losses or lost profits arising from inactivity of the Buyer.

9. RESPONSIBILITY OF THE MANUFACTURER

The products with Tecnalarm brand are manufactured in accordance with the regulations in force in Italy and in the European Union. The Seller is responsible for damages to persons or property arising from the products sold, only in the event of his proven gross negligence in the manufacture of the products themselves. In no event, it shall be considered liable for incidental or consequential damages, loss of production or lost profits. Except as provided above, the Buyer shall not consider the Seller liable in all the actions of third parties based on liability arising from products sold to them and shall indemnify for the damage caused by the claims in question.

10. FORCE MAJEURE

In all cases of force majeure occurring (including but not limited to: lack of supply of raw materials, significant predictable increases of the prices of the same, fire, flood, disturbances in the transport sector, strikes, lock-outs or other similar events, which prevent or reduce the productive capacity of the Seller or block the transport between the plant of the Seller and the place of destination of the products), the Seller shall be entitled to an extension of up to 90 days, extendible to up to 180 days in the most serious cases, of the deadline for the delivery of the products, provided that it promptly notifies in writing the Buyer about the occurrence of force majeure. Should the condition of force majeure subsist on expiry of the above time limits, the Buyer may terminate this agreement by giving written notice to the Seller by means of registered letter with acknowledgement of receipt or certified e-mail.

11. CHANGES AND INTERPRETATION OF THE TERMS

For the interpretation of these terms, only the original Italian text shall be considered legally binding. Unless otherwise specified, every reference to price lists, general terms of sale and delivery or other documents from the Seller or third parties is meant as referring to the above mentioned documents in force at the time of the reference itself. Any modification or integration made by the parties to the agreements to which these terms apply, must be made in writing, otherwise they will be void. The derogation to one or more provisions of these terms should not be interpreted extensively or by analogy and does not imply the desire to waive the terms in their entirety.

12. APPLICABLE LAW

For whatever not expressly provided in these terms, the rules laid down by the Italian law, or, alternatively, the uses and practices, shall apply. Since international sales are not explicitly regulated by these terms, these will be governed by the Vienna Convention on the International Sale of Goods of 1980. For the interpretation of the terms of return and other commercial terms possibly used by the parties, refer to the INCOTERMS of the International Chamber of Commerce in Paris. Any foreign uses and practices are not binding in any way for the Seller.

13. DISPUTES AND COMPETENT COURT

For any disputes regarding or in any way connected to the agreements to which these terms apply, the only competent Court is that of Turin, Italy.

14. CONFIDENTIALITY

Any production technology and/or information of the parties (including expedients, design and information) whether or not patented, shall be treated as essentially confidential and shall not be used or disclosed in the absence of prior written permission.

15. FINAL PROVISIONS

Any communication between the parties shall be sent to the respective addresses resulting from the business correspondence exchanged.

If the Seller fails to:

- a. apply one of the present terms
 - b. require to the Buyer to perform any provision of these terms,
- this may not be construed as present or future waiver of that provision, nor in any way affect the right of the Seller to have each of the provisions executed in the future. The express waiver by the Seller of any of the provisions of these terms does not constitute a waiver to their future respect by the Buyer. The agreement may not be transferred in whole or in part without the prior consent of the other party.



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