



INTRUDER ALARM SYSTEMS
PRODUCT CATALOGUE
2018/19



INTRUDER ALARM SYSTEMS

Innovative, Stable and Elegant

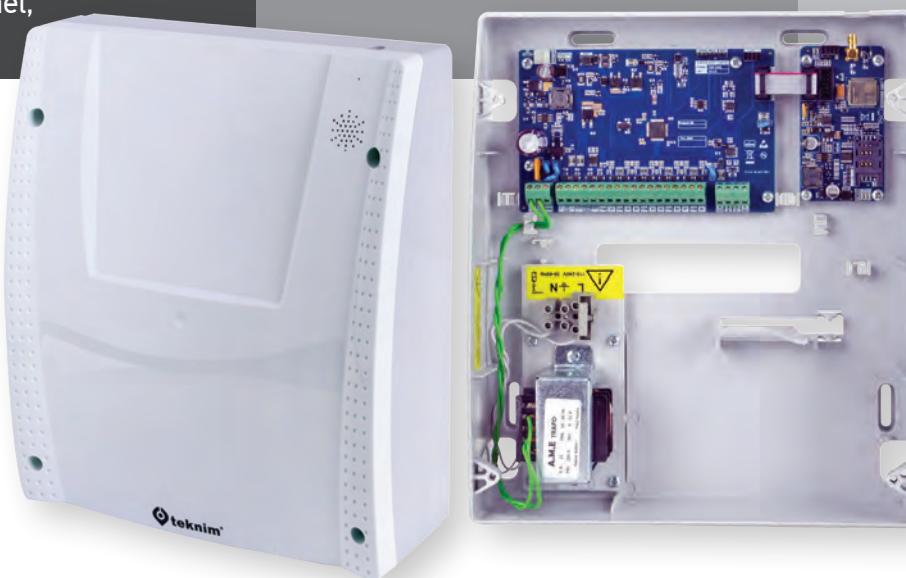


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TSP-5208

8+8 Zone Alarm Control Panel,
Modular Communication



One of the newest members of the new generation of alarm systems TSP-5208 Control Panel; It is designed to meet all safety expectations of its users with its strong technical and functional features, technicians and user-friendly structure and aesthetic design.

Teknim Intruder Alarm Systems meets the security needs of homes and workplaces with advanced functional features and accessible costs. While providing the security and ease of use required by the end user, it provides technicians who install these systems with convenient and fast installation and commissioning.

Teknim's new generation of alarm systems operates on two different bus lines: Internal BUS and External BUS. Thanks to the RS-485 based communication protocol, it can provide a fast and secure internal communication structure over long distances with products such as communication modules and Keypad. All panel and modular communication units have advanced protection circuits for high voltage and current exposure. Batteries measure many parameters such as temperature, voltage level and

current level and ensure long life by charging and discharging at certain times.

Thanks to its modular structure, TSP-5208 Control Panel allows the system to be designed with the most suitable communication method to be determined according to the needs of the installation site. It maximizes security with backup communication using PSTN, GSM / GPRS or ETHERNET modules.

One of the most important features of Teknim's new generation alarm systems is its Mobile Application support, which allows users to control their own security whenever they want, from anywhere in the world. With the Cloud-based mobile application solution of Teknim, it is possible to take instant information about the status of the alarm system and, if necessary, to arm and disarm the system.

GENERAL FEATURES

- Redundant Communication System with Modular Structure
- 8+8 Programmable Zone
- 10X User Codes
- 256X Event Memory
- 6X User Numbers Support
- 2 different Alarm Monitoring Center Support (Ademco Contact ID, SIA)
- 2 Different ARC Number Support for each ARC
- 4X Partition Support
- Manual and Auto Bypass Support
- 2 Weekly Programmable Calendar
- User Authorization Restriction
- Transformer Included in Panel Box
- GSM/GPRS – PSTN – Ethernet Module Support
- Mobile Application Support (Android and IOS)
- Remote Control Support with Optional Modules



TSP-5208	
Technical Specifications	
Standard Number of Zone	8
Maximum number of zones	16 (Double Zone)
Partition	4
Event Memory	256
User Codes	10
Siren Duration Time	2-255 min.
Electrical	
Power and Frequency	220VAC – 50Hz
Battery	12V-7Ah
Siren Output	1x 500mA
AUX Output	1x 750mA
PGM	1x (NO/NC)
General Specifications	
Supported Keypads	TSK-5710, TSK-5718
Supported Keypads Number	4
Partition Arm	Yes
Zone Type Selection (NO-NC)	Yes
Duress Code	Yes
Arm – Disarm by Timing	Yes
Auto Arming When No Movement	Yes
Mobile Application Support	Yes
Dialer	Yes
Phone Number Support	6
ARC Number	2
Communication Format	Ademco Contact ID, SIA DC-03
Alarm When Telephone Line Cut	Yes
Supported Communication Modules	TXM-0501, TXM-5272, TXM-5271, TXM-5270
Mechanical	
Weight	1670gr
Dimensions (mm)	300x250x100mm
Environmental	
Operating Temperature	-20°C ~ +70°C
Humidity	0 ... % 90rH

TSP-5324

4+4 Zone Alarm Control Panel,
Onboard GSM/GPRS



TEKNIM's new generation alarm systems are designed to meet all users' security expectations with their strong technical and functional features, technician and user-friendly structure and aesthetic design.

Teknim Intruder Alarm Systems meets the security needs of small homes and workplaces with advanced functional features and accessible costs. While providing the security and ease of use required by the end user, it provides technicians who install these systems with convenient and fast installation and commissioning.

Teknim's new generation of alarm systems operates on two different bus lines: Internal BUS and External BUS. Thanks to the RS-485 based communication protocol, it can provide a fast and secure internal communication structure over long distances with products such as communication modules and Keypad. All panel and modular communication units have advanced protection circuits for high voltage and current exposure. Batteries measure many parameters such as temperature, voltage level and current level and ensure long life by charging and discharging at certain times.

TSP-5324 Control Panel is design with built-in GSM / GPRS module to eliminate extra costs especially in places where there is no land line or in need of safer communication. If the PSTN line cannot be used, TSP-5324 Control Panel with integrated GSM / GPRS module can be used instead of adding GSM / GPRS module to the system.

One of the most important features of Teknim's new generation alarm systems is its Mobile Application support, which allows users to control their own security whenever they want, from anywhere in the world. With the Cloud-based mobile application solution of Teknim, it is possible to take instant information about the status of the alarm system and, if necessary, to arm and disarm the system.

GENERAL FEATURES

- Onboard GSM/GPRS Module (PSTN is Optional)
- 4+4 Programmable Zone
- 10X User Codes
- 256X Event Memory
- 6X User Numbers Support
- 2 different Alarm Monitoring Center Support (Ademco Contact ID, SIA)
- 2 Different ARC Number Support for each ARC
- 4X Partition Support
- Manual and Auto Bypass Support
- 2 Weekly Programmable Calendar
- User Authorization Restriction
- Transformer Included in Panel Box
- GSM/GPRS – PSTN – Ethernet Module Support
- Mobile Application Support (Android and IOS)
- Remote Control Support with Optional Modules



TSP-5324	
Technical Specifications	
Standard Number of Zone	4
Maximum number of zones	8 (Double Zone)
Partition	4
Event Memory	256
User Codes	10
Siren Duration Time	2-255 min.
Electrical	
Power and Frequency	220VAC – 50Hz
Battery	12V-7Ah
Siren Output	1x 500mA
AUX Output	1x 750mA
PGM	1x 500mA (NO/NC)
General Specifications	
Supported Keypads	TSK-5710, TSK-5718
Supported Keypads Number	4
Partition Arm	Yes
Zone Type Selection (NO-NC)	Yes
Duress Code	Yes
Arm – Disarm by Timing	Yes
Auto Arming When No Movement	Yes
Mobile Application Support	Yes
Dialer	Yes
Phone Number Support	6
ARC Number	2
Communication Format	Ademco Contact ID, SIA DC-03
Alarm When Telephone Line Cut	Yes
Supported Communication Modules	TXM-5270, TXM-5271
Mechanical	
Weight	1656gr
Dimensions (mm)	300x250x100mm
Environmental	
Operating Temperature	-20°C ~ +70°C
Humidity	0 ... % 90rH

TSP-5314

4+4 Zone Alarm Control Panel,
Onboard PSTN



TEKNIM's new generation alarm systems are designed to meet all users' security expectations with their strong technical and functional features, technician and user-friendly structure and aesthetic design.

Teknim Intruder Alarm Systems meets the security needs of small homes and workplaces with advanced functional features and accessible costs. While providing the security and ease of use required by the end user, it provides technicians who install these systems with convenient and fast installation and commissioning.

Teknim's new generation of alarm systems operates on two different bus lines: Internal BUS and External BUS. Thanks to the RS-485 based communication protocol, it can provide a fast and secure internal communication structure over long distances with products such as communication modules and Keypad. All panel and modular communication units have advanced protection circuits

for high voltage and current exposure. Batteries measure many parameters such as temperature, voltage level and current level and ensure long life by charging and discharging at certain times.

One of the most important features of Teknim's new generation alarm systems is its Mobile Application support, which allows users to control their own security whenever they want, from anywhere in the world. With the Cloud-based mobile application solution of Teknim, it is possible to take instant information about the status of the alarm system and, if necessary, to arm and disarm the system.

GENERAL FEATURES

- 4+4 Programmable Zone
- 10X User Codes
- 256X Event Memory
- 6X User Numbers Support
- 2 different Alarm Monitoring Center Support (Ademco Contact ID, SIA)
- 2 Different ARC Number Support for each ARC
- 4X Partition Support
- Manual and Auto Bypass Support
- 2 Weekly Programmable Calendar
- User Authorization Restriction
- Transformer Included in Panel Box
- GSM/GPRS – PSTN – Ethernet Module Support
- Mobile Application Support (Android and IOS)
- Remote Control Support with Optional Modules



TSP-5314	
Technical Specifications	
Standard Number of Zone	4
Maximum number of zones	8 (Double Zone)
Partition	4
Event Memory	256
User Codes	10
Siren Duration Time	2-255 min.
Electrical	
Power and Frequency	220VAC – 50Hz
Battery	12V-7Ah
Siren Output	1x 500mA
AUX Output	1x 750mA
PGM	1x 500mA (NO/NC)
General Specifications	
Supported Keypads	TSK-5710, TSK-5718
Supported Keypads Number	4
Partition Arm	Yes
Zone Type Selection (NO-NC)	Yes
Duress Code	Yes
Arm – Disarm by Timing	Yes
Auto Arming When No Movement	Yes
Mobile Application Support	Yes
Dialer	Yes
Phone Number Support	6
ARC Number	2
Communication Format	Ademco Contact ID, SIA DC-03
Alarm When Telephone Line Cut	Yes
Supported Communication Modules	TXM-0501, TXM-5272, TXM-5271
Mechanical	
Weight	1670gr
Dimensions (mm)	300x250x100mm
Environmental	
Operating Temperature	-20°C ~ +70°C
Humidity	0 ... % 90rH

TSK-5710, TSK-5718

TSK-5710 LCD Keypad, TSK-5718 LED Keypad



TSK series Keypads are designed for Teknim's new generation of alarm systems and meet the expectations of every kind of visual elegance with its aesthetic structure in accordance with contemporary design trends. It allows easy to use for end users with features such as Light-adjustable backlight structure, large and ergonomic keypad, one-key arm.

The new generation of keypads, which are produced in 2 different models, including big screen LCD and LED Keypad, can be operated smoothly even in distances far from the Control Panel with its powerful communication infrastructure.

TSK-5710 and TSK-5718 Keypads can also be used with the remote control by optional module "TSC-5716" built-in control receiver.

GENERAL FEATURES

- 4 Keypads Supporting Simultaneous Operation
- Optional Remote-Control Module Support
- Keypad Tamper Switch
- LED or LCD Screen
- Backlit Keypad
- Test, Report, Event Memory etc. Shortcut Keys
- Chime Zone
- Quick Arm and Bypass Keys
- Function Keys for Different Tasks
- Adjustable Backlight and Sound Level
- Braille alphabet on keypad

TSC-5716 Remote Control Module

- Additional control module designed for TSK series keypads.
- Used to arm and disarm the system.
- Supports 10 remote controls.



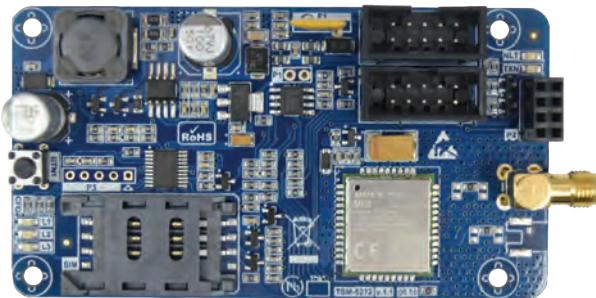
ARC-844 Remote Control



	TSK-5710	TSK-5718
Technical Specifications		
Supported Control Panels	TSP-5314, TSP-5324, TSP-5208	TSP-5314, TSP-5324, TSP-5208
LCD Screen	2x16 Character Backlit LCD	No
LED Indicator	8 Status Notification LED	8 Status Notification LED 8 Zone Indicator LED
Keyboard	Illuminated Silicone	Illuminated Silicone
Internal Buzzer	Yes	Yes
Remote Control Support	10X With TSC-5716	10X With TSC-5716
Electrical		
Power	12-15VDC	12-15VDC
Consumption	Min: 157mA Max: 193mA	Min: 125mA Max: 150mA
General Specifications		
Zone Naming	Yes	No
Event Memory	Yes	Yes
Locking When Wrong Password Is Entered	Yes	Yes
Calendar	Yes	No
Multi-Language Support	Yes	No
Easy Programming with Menu	Yes	Yes
Energy Saving Mode	Yes	Yes
Bypass	Yes	Yes
Home – Stay Arming	Yes	Yes
Panic, Fire and Medical Keys	Yes	Yes
Chime	Yes	Yes
Quick Partition Arm	Yes	Yes
Mechanical		
Weight	277gr	230gr
Dimensions (mm)	148 x 118 x 22 mm	148 x 118 x 22 mm
Body Material and Color	White, Polycarbonate	White, Polycarbonate
Environmental		
Operating Temperature	-20°C ~ +70°C	-20°C ~ +70°C
Humidity	0 ... % 90rH	0 ... % 90rH

TXM-5272

GSM/GPRS Module



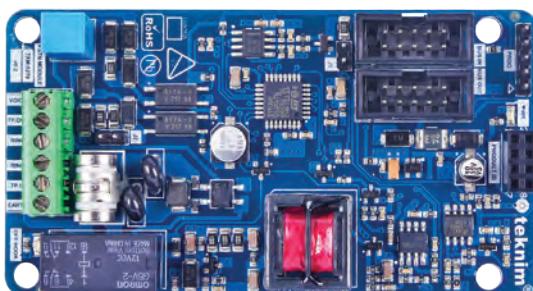
Thanks to Teknim's new GSM / GPRS module, it provides maximum security protection to its users by providing an uninterrupted communication between the alarm panels and a monitoring centers, while the Cloud System enables the user to control the alarm systems from anywhere. If necessary, other communication modules can be used together as backup and thus communication security can be maximized. Users can get SMS or Call notification from control panel via GSM.

GENERAL FEATURES

- Provides Mobile Application Support by Communicating on the Cloud
- SIA-DC-09 Communication Protocol
- Power, Signal Level and Status Notification LED Display
- Simultaneous Communication with Monitoring Center and Mobile Application
- Programming with Configuration Software

TXM-5270

PSTN Module



TXM-5270 PSTN module is a communication module designed for the new generation alarm systems of Teknim and designed to send information to the end user or the monitoring center where it is connected with the land line.

It can be used with other modular communication modules in order to increase communication security.

GENERAL FEATURES

- CID Communication Format
- User call during alarm
- Incoming Call and DTMF Support
- Remote Control with One-Way Communication
- Power and Status Notification LED
- Short Circuit, High Voltage and Lightning Protection
- Programming via keypad

TXM-5272

Technical Specifications

Supported Control Panels	TSP-5314, TSP-5208
Supported Protocols	SIA-DC-09
LED Indicator	Yes

Electrical

Power	From Control Panel 15V
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General Specifications

User Call	6 Numbers
SMS Notification	6 Numbers
ARC Support	Yes
Callback	Yes
Remote Control	Yes
Programming Through Software	Yes
Modular Structure	Yes
Cloud Based Mobile App	Yes

Mechanical

Weight	43gr
Dimensions (mm)	93,9x50,8mm

TXM-5270

Technical Specifications

Supported Control Panels	TSP-5324, TSP-5208
Supported Communication Formats	CID – SIA
LED Indicator	Yes

General Specifications

User Call	Yes
ARC Support	Yes (2)
Incoming Call Support	Yes
Remote Control	Yes
Programming via Keypad	Yes
Modular	Yes

Mechanical

Weight	44,5gr
Dimensions (mm)	93,9 x 50,8mm

TXM-0501

TXM-0501 Universal GSM Module

This module allows the burglar alarm and fire alarm systems to send information to the users via the GSM. Especially in places where there is no landline, notification can be made using GSM.

It can also be used for remote SMS activation of the connected product via PGM output. The dry contact from any sensor can transmit alarm information over GSM. It can be used in full compliance with all burglar alarm and fire detection panels.

GENERAL FEATURES

- 17sn Voice Record
- All the settings are made via TXM-0500 Teknim GSM Configuration Software
- 3X Zone Inputs
- 1X PGM and 1X AUX output
- 1x Call and 3X SMS for Each Zones.
- LED notifications indicating operation, communication and signal level.



TXM-0501

Technical Specifications

Voice Record Time	17sec.
Zone	3X (NC/NO)
PGM	1
AUX	1
User Call	1X for Each Zones
User SMS	3X for Each Zones
SMS Number of Characters	50

Electrical

Power	10-24 VDC
Standby Consumption	80mA
Alarm Consumption	500mA (With AUX)
GSM Modem Frequency	850 / 900 / 1800 / 1900 MHz
Relay Out	50mA

Mechanical

Dimensions (mm)	150 x 130 x 27 mm
Body Material and Color	ABS – White

Environmental

Operating Temperature	10°C ~ 55°C
Humidity	95% RH

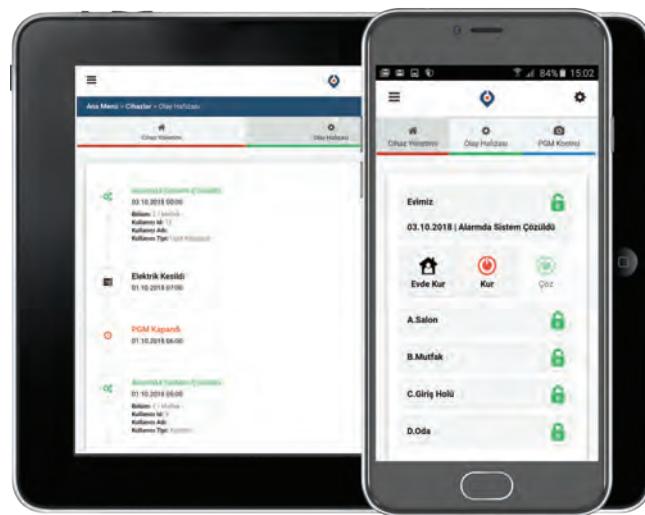
TEKNIM MOBILE

Teknim Mobile Application

One of the most important features of Teknim's new generation alarm systems is its Mobile Application support, which allows users to control their own security whenever they want, from anywhere in the world.

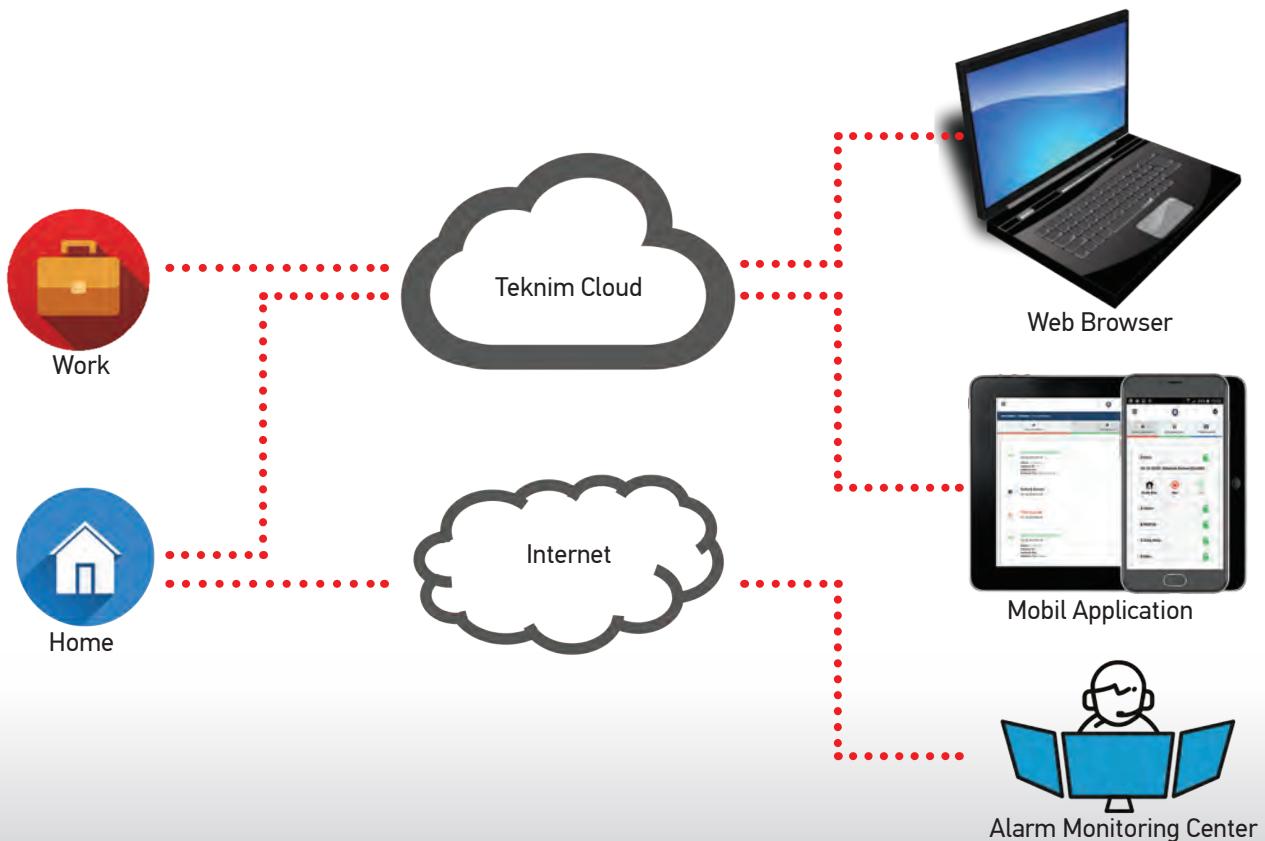
With the Cloud-based mobile solution of Teknim, you can get instant information about the status of the alarm system and Arm - Disarm the Control Panel and review the event records.

The Teknim Mobile App, which allows multiple alarm systems to be controlled under a single account, serves the highest level of security with special security protocols and encryption algorithms.



GENERAL FEATURES

- Cloud-based application support
- Unlimited number of system controls under a single account
- Providing access to the entire event history through the application
- Arm / Disarm and PGM control
- Communicate with cloud and an alarm receiving center at the same time
- IOS and Android support
- Easy and user-friendly interface
- Multi-Language support



ATP-545X / ATP-570

ATP Series PIR Motion Detectors

ATP series PIR motion detectors have detection algorithms developed by detailed R&D studies to prevent false alarms. Fully digitally designed ATP series PIR detectors offer advanced sensitivity adjustment and three step pulse counting.

Standard, PET, long distance and microwave options are available. Thanks to the optional ATP-105 Mounting Bracket, it is easy to install to the wall and ceiling while the direction adjustment of the detector can be made easily.

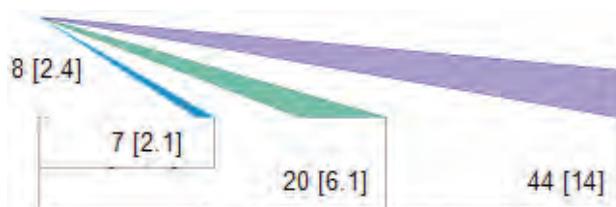
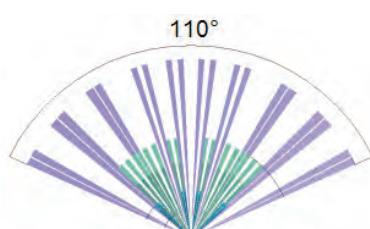
- ATP-545 PIR Motion Detector
- ATP-545P PET Detector
- ATP-545LR Long Range Detector
- ATP-570 PIR + Microwave Detector

GENERAL SPECIFICATIONS

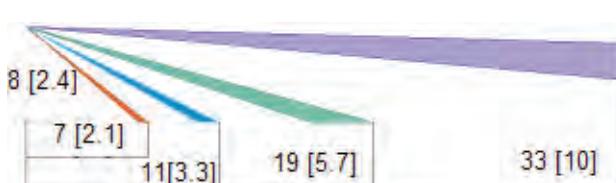
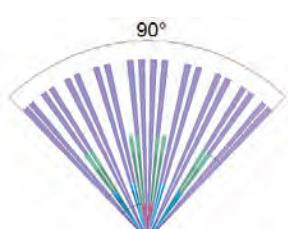
- Lead Free Plastic Material
- Sensitivity Adjustment
- Software Algorithms to Block False Alarms
- Gold Plated, Lead-Free Double Layer Electronic Card
- UV Filtering Lens
- 1/2/3 Stage Pulse Counting
- Compatible with ATP-105 Mounting Bracket



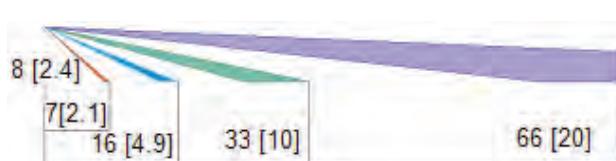
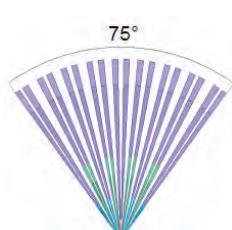
ATP 545
110° 14m (25°C de)



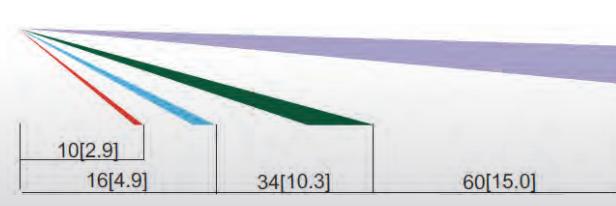
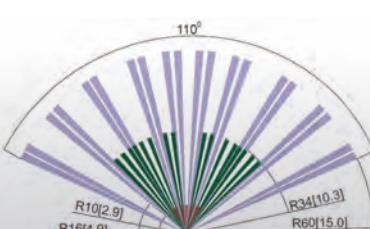
ATP 545P
90° 10m (25°C de)



ATP 545P
75° 20m (25°C de)



ATP 570
110° 14m (25°C de)





	ATP-545	ATP-545P	ATP-545LR	ATP-570
Technical Features				
Sensor Type	Dual Element Digital	Dual Element Digital	Dual Element Digital	Dual Element Digital
Alarm Output	NC 30VDC – 0,2A			
Tamper Output	Yes	Yes	Yes	Yes
Electrical				
Power	9-16VDC	9-16VDC	9-16VDC	8-18VDC
Standby Consumption	6mA	6mA	6mA	10mA
Alarm Consumption	20mA	20mA	20mA	20mA
General Features				
Detection Range	14mt	10mt	20mt	15mt
Microwave	No	No	No	DRO, Patch Antenna 10.525Ghz
Mounting Height	2.1 ~ 2,5 mt	2.1 ~ 2,5 mt	2.1 ~ 2,5 mt	2.1 ~ 3,6 mt
Visual Notification	Red	Red	Red	Red (Alarm) Green (MW) Yellow (PIR)
Detection Angle	110°	90°	75°	110°
Pulse Count	3 Levels	3 Levels	3 Levels	3 Levels
Sensitivity Adjustment	Yes	Yes	Yes	Yes (PIR and MW)
PET Immunity	No	20kg, 60cm	No	No
Tamper Protection	Cover and Wall	Cover and Wall	Cover and Wall	Cover and Wall
Target Speed Range	0.3 ~ 1.5m/sec	0.3 ~ 1.5m/sec	0.3 ~ 1.5m/sec	0.3 ~ 1.5m/sec
Temperature Compensation	Yes	Yes	Yes	Yes
Mechanical				
Weight	80gr	80gr	80gr	90gr
Dimensions (mm)	108 x 63 x 50mm			
Body Material and Color	ABS White	ABS White	ABS White	ABS White
Environmental				
Operating Temperature	-20°C ~ 45°C	-20°C ~ 45°C	-20°C ~ 45°C	-20°C ~ 45°C
Humidity	95% RH (max)	95% RH (max)	95% RH (max)	95% RH (max)

TSD-5135

Optical Smoke Detector with Relay Output

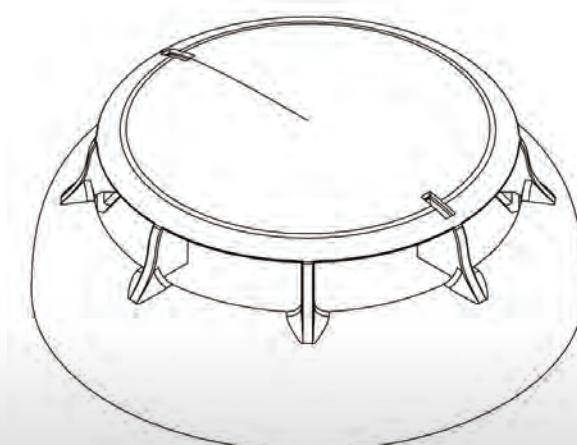
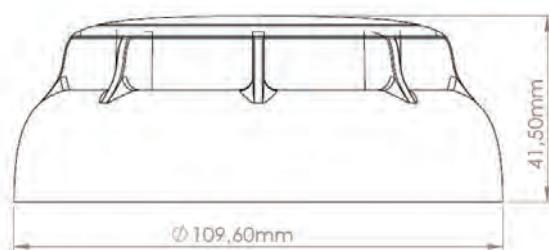
One of the new generation fire detectors of Teknim, TSD-5135 is used for detecting the fire situation and giving information to burglar alarm systems and smart home etc. It is a smoke detector with a dry contact alarm output structure which can work in harmony with 3rd party systems such as various automation systems.

The detector has several software algorithms developed to minimize false alarms. In case of contamination in extremely dusty environments, the smoke chamber can be easily removed and cleaned. TFA-0120 base is fully compatible with the detector.

TSD-5135 is certified with EN54-7 according to European standards.

GENERAL FEATURES

- EN54-7 Certified
- Support for two different LEDs for 360 ° viewing
- Two different LED colors for Error and Alarm status (Blue / Red)
- Rejecting temporary signals that can be detected as alarms
- Easy to clean smoke chamber



EN-54-7

TSD-5135

Technical Specifications

Standard	EN54-7
Operation Type	Optical
Smoke Detection Level	~0,15db/m
Alarm Output	NC Dry Relay Output

Electrical

Power	10-18VDC
Standby Consumption	10mA
Alarm Consumption	10mA
Start Time	15sec.

Mechanical

Weight (Including / Excluded Base)	183gr / 125gr
Dimensions (mm)	Ø110, h42
Body Material and Color	ABS White
LED Indicator	Red: Alarm Blue: Status

Environmental

Operating Temperature	-10°C ~ 70°C
Humidity	95% RH (max)
Protection Class	IP30

TSD-701

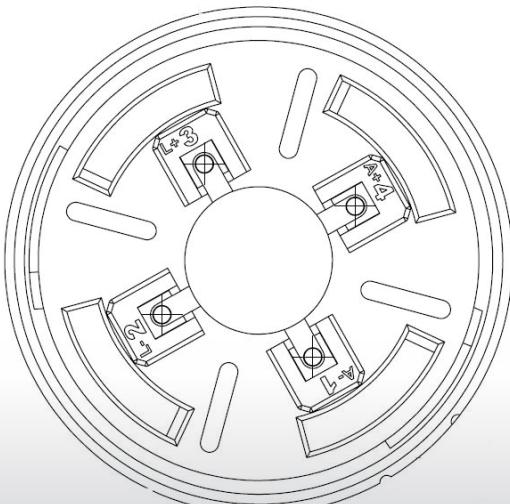
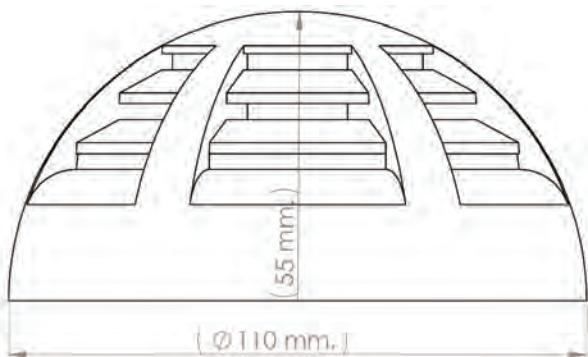
Natural Gas Detector

It is a natural gas detector that can be connected to fire detection (NO) and Intrusion alarm systems (NC) or can be used independently with 12-24V external supply.

It is designed in accordance with international standards and has TSE, GAZMER and IGDAS approvals. Equipped with 85dB built-in buzzer for audible warning feature. The detector has a test button to easy maintenance and diagnostics.

GENERAL FEATURES

- TSE, GAZMER and IGDAS Certified
 - Support for two different LEDs for 360 ° viewing
 - 85dB Alarm Sound
 - Suitable for ceiling and wall mounting
 - NO Contact output for fire systems, NC Contact output for burglar alarm systems



Technical Specifications	
Standards	TS EN50194-1
Operation Type	MQ5 Gas Sensor
Device Type	A
Gas Detection Level	%10 LEL
Electrical	
Power	12-24VDC
Standby Consumption	12VDC - 100mA 24VDC - 50mA
Alarm Consumption	12VDC - 100mA 24VDC - 50mA
Start Time	3min.
Relay Out	NO (Fire) / NC (Burglar)
Mechanical	
Dimensions (mm)	Ø110, h50
Body Material and Color	ABS White
Audio Notification	Continuous: Gas Alarm Intermittent: Sensor Error
Sound Level	≥85dB@1mt
LED Indicator	Red: Alarm Yellow: Fault Green: Normal
Environmental	
Operating Temperature	-10°C ~ 55°C
Humidity	95% RH (max)
Protection Class	IPX2D

TVSD-143

Shock, Tilt and Vibration Detector

It is a detector for burglar alarm systems and can operate in three different functions. The detector sends Shock, Tilt and Vibration detection to the control panel. These three types of detection can be used alone or in combination.

GENERAL FEATURES

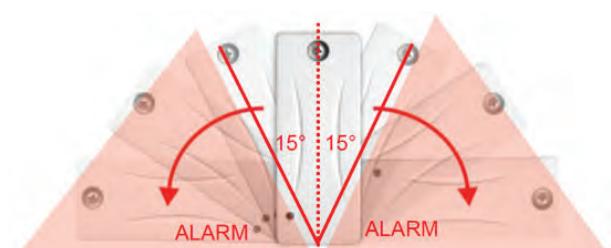
- Electronic G sensor technology
- 0,625mg acceleration sensitivity
- Selectable 3 functions: Shock, Tilt, Vibration (Vibration)
- Function selection by jumper
- Trim pot sensitivity adjustment

Shock: The detector alarms when the object is exposed to sudden shocks.

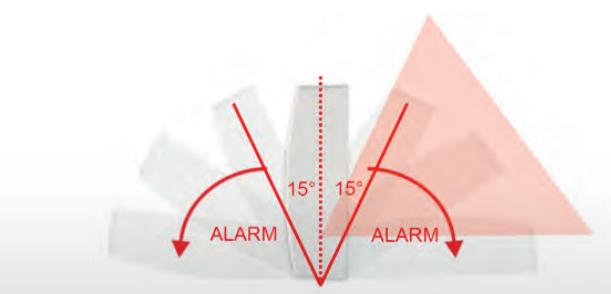


X - Y and Z axis in the impact direction

Tilt (Angle Change): The position of the object to which the detector is connected triggers an alarm when a tilt of 15 ° from any starting position in any direction.



X Axis



Z Axis



TVSD-143

Technical Specifications

Operation Type	Shock Tilt (Angle) Vibration
Sensor	Electronic G Sensor
Electrical	
Power	8-15VDC
Standby Consumption	20mA
Alarm Consumption	50mA
Sampling Interval	1000 Times at Second
Acceleration Sensitivity	0,625mg
Alarm Output	NC – 30VDC 50mA
Mechanical	
Weight	35gr
Dimension (mm)	36 X 87 X 30 mm
Body Material and Color	ABS White
LED Indicator	RED: Alarm
Environmental	
Operating Temperature	-10°C ~ 55°C
Humidity	+40°C de 95% RH (max)

Vibration: It gives an alarm when the subject is exposed to vibration movement caused by tools such as drill.



Vibration X, Y and Z Axis

TPS-1215 / TPS-2415 TPU-8125 / TPU-8245

External Power Supply

It can be used in applications where additional power supply is required in fire alarm, intrusion alarm, CCTV or Access control systems. It is additionally battery powered as backup against power outages.

GENERAL FEATURES

- 12 or 24 VDC / 1,5Ah or 5Ah Options
- Battery Charging
- Used With 12V 7Ah Battery
- Dry Relay for Fault



EN-54-4

	TPS-1215	TPU-8125	TPS-2415	TPU-8245
Technical Specifications				
Smart Charge	Yes	Yes	Yes	Yes
Dry Relay for Fault	Yes	Yes	Yes	Yes
Automatic Fused Outputs	Yes	Yes	Yes	Yes
Status Indicator LED	No	No	No	No
Electrical				
Power	100VAC – 240VAC	200VAC – 240VAC	100VAC – 240VAC	200VAC – 240VAC
Operating Frequency	50Hz – 60Hz	50Hz – 60Hz	50Hz – 60Hz	50Hz – 60Hz
Productivity	83%	83%	83%	83%
Output Voltage	12 ~ 14 VDC	10 ~ 12 VDC ± %2	20 ~ 24VDC	20 ~ 24VDC ± %2
Output Current	1.5Ah (Max)	S1: Off, S2: On; Output-1: 5Ah Output-2: 0Ah S1: On, S2: Off; Output-1: 2.5Ah Output-2: 2.5Ah	1.5Ah (Max)	S1: Off, S2: On; Output-1: 5Ah Output-2: 0Ah S1: On, S2: Off; Output-1: 2.5Ah Output-2: 2.5Ah
Battery	1x12V 7Ah	1x12V 7Ah	2x12V 7Ah	2x12V 7Ah
Battery Charge Voltage	13.6V @20°C	13.8V @20°C	27,6V @20°C	27,6V @20°C
Low Battery Voltage Protection	<10V	<20.5V	<20V	<20.5V
Battery Charging Time	%80 at 24 Hours	%80 at 24 Hours	%80 at 24 Hours	%80 at 24 Hours
Mechanical				
Dimensions (mm)	300 x 220 x 85 mm	268 x 102 x 300 mm	300 x 310 x 85 mm	310 x 102 x 300 mm
Body Material and Color	Metal-Grey	Metal-Grey	Metal-Grey	Metal-Grey
Environmental				
Operating Temperature	0°C ~ +45°C	-10°C ~ + 55°C	0°C ~ +45°C	-10°C ~ + 55°C
Humidity	%95	%95	%95	%95

VAS-740

Outdoor Siren with Flasher

Thanks to its high level of sound and unique technical features, VAS-740 External Sirens have continued to meet the visual and audible warning needs of alarm systems. VAS-740 sirens, which are produced with Blue and Red window colors as standard, are also diversified with metal and plastic interior protection options. Teknim TSS-5790 External Siren can be operated in compliance with all alarm panels. Intelligent trigger detection, and the ability to distinguish between sabotage and power outages are separate it from its competitors not only by its stylish design but also by technician friendly installation comfort.



GENERAL FEATURES

- 118dB Sound Level
- 6 Walking LED
- Ability to distinguish between sabotage and power failure
- Intelligent trigger detection (Automatically detects if control panel is - or + triggered)
- EXT and INT operation
- Two different siren sounds
- Thick and thin tone option
- Optional double piezo support
- Adjustable automatic cut-off time (3min / 10min)
- Large space reserved for company logos
- Plastic or Metal internal protection options
- Sabotage protection against opening the front cover and removing from the Wall

	VAS-740BP	VAS-740RP	VAS-740B	VAS-740R
Technical Specifications				
Sound Level	118dB/m / Var	118dB/m / Var	118dB/m / Var	118dB/m / Var
Window Color	Blue	Red	Blue	Red
Internal Protection	Plastic	Plastic	Metal	Metal
Electrical				
Power	12-15 VDC	12-15 VDC	12-15 VDC	12-15 VDC
Standby Consumption	25mA	25mA	25mA	25mA
Alarm Consumption	250mA	250mA	250mA	250mA
General Specifications				
Different Sound Option	Yes	Yes	Yes	Yes
Adjustable automatic cut-off time	Yes (3dk/10dk)	Yes (3dk/10dk)	Yes (3dk/10dk)	Yes (3dk/10dk)
Neg / Pos Trigger	Yes	Yes	Yes	Yes
Auto Trigger Detection	Yes	Yes	Yes	Yes
Walking LED / LED Number	Yes / 6 LED			
Built-in Rechargeable Ni-MH Battery	Yes	Yes	Yes	Yes
Tamper Detection	Yes (Front Cover and Remove from Wall)			
Distinguish Between Sabotage and Power Failure	Yes	Yes	Yes	Yes
Double Piezo	Optionally	Optionally	Optionally	Optionally
Mechanical				
Weight	1195gr	1195gr	1195gr	1195gr
Dimensions (mm)	215 x 300 x 60 mm			
Body Material and Color	ABS - White	ABS - White	ABS - White	ABS - White
Environmental				
Operating Temperature	-40°C ~ +65°C	-40°C ~ +65°C	-40°C ~ +65°C	-40°C ~ +65°C
Humidity	+40°C %95	+40°C %95	+40°C %95	+40°C %95

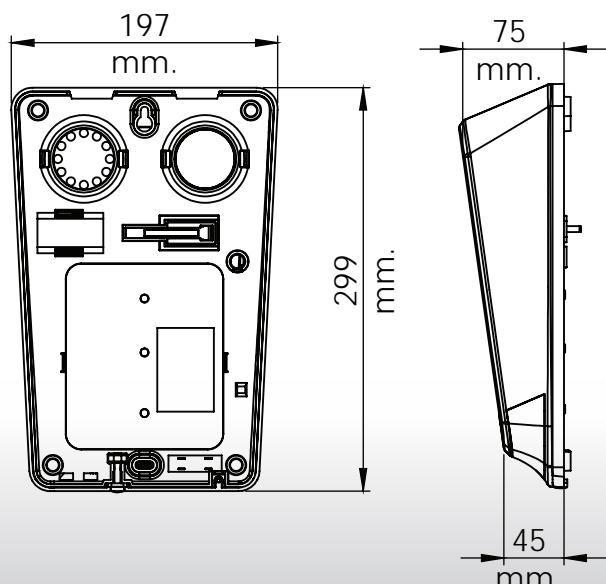
TSS-5790

Outdoor Siren

TEKNIM new generation sounders are fully adapts to all kinds of buildings with its aesthetic design. With its high sound level and visible bright flasher feature, it fulfills all expected warning features perfectly. The new generation of sirens, produced with Blue and Red window colors as standard, is equipped with 6 ultra-bright walking LEDs to increase visibility. Teknim TSS-5790 External Siren can be operated in compliance with all alarm panels. Intelligent trigger detection, integrated spirit level and the ability to distinguish between sabotage and power outages are separate it from its competitors not only by its stylish design but also by technician friendly installation comfort.

GENERAL FEATURES

- 115dB/m (± 3 dB) Sound Level
- 6 ultra-bright LEDs, moving lights, to be seen from the side with 90° angle.
- Ability to distinguish between sabotage and power failure
- Intelligent trigger detection (Automatically detects if control panel is - or + triggered)
- EXT and INT operation
- Two different siren sounds
- Thick and thin tone option
- Tone acceleration
- Optional double piezo support
- Adjustable automatic cut-off time (3min / 10min)
- Large space reserved for company logos
- Built-in rechargeable Ni-MH battery
- "First Start System" which prevents noise pollution during installation and enables siren to activate after 5 minutes
- Sabotage protection against opening the front cover and removing from the Wall
- Integrated spirit level and front cover holder for easy installation
- Waterproof interior cover protection for electrical parts
- Special Drainage design which blocks the rains.



TSS-5790

Technical Specifications

Sound Level	115dB/m (± 3 dB)
Flasher	Yes (Ultra Bright LED)
Window Cover	Red, Blue
Internal Protection	Transparent Polycarbonate
Electrical	
Power	12-24 VDC
Standby Consumption	75mA
Alarm Consumption	Min.: 217mA / Max: 380mA Avrg.: 284mA
General Specifications	
Different Siren Sound Option	Yes
Fast / Slow Sound Option	Yes
Adjustable automatic cut-off	Yes (3min/10min)
Negative / Positive Trigger	Yes
Intelligent trigger detection	Yes
Walking Light / Number of LEDs	Yes / 6 LED
Built-in Rechargeable Ni-MH Battery	Yes
Tamper Detection	Yes (Front Cover and Wall Mount))
Energy Interruption / Sabotage Separation	Yes
Double Piezo Support	Yes (Optional)
Mechanical	
Weight	762gr
Dimensions (mm)	197x300x78mm
Environmental	
Operating Temperature	-10°C ~ +65°C
Humidity	%95

From Turkey to the World





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