



2021

teknim®



INTRUDER ALARM SYSTEM CATALOGUE

www.teknim.com



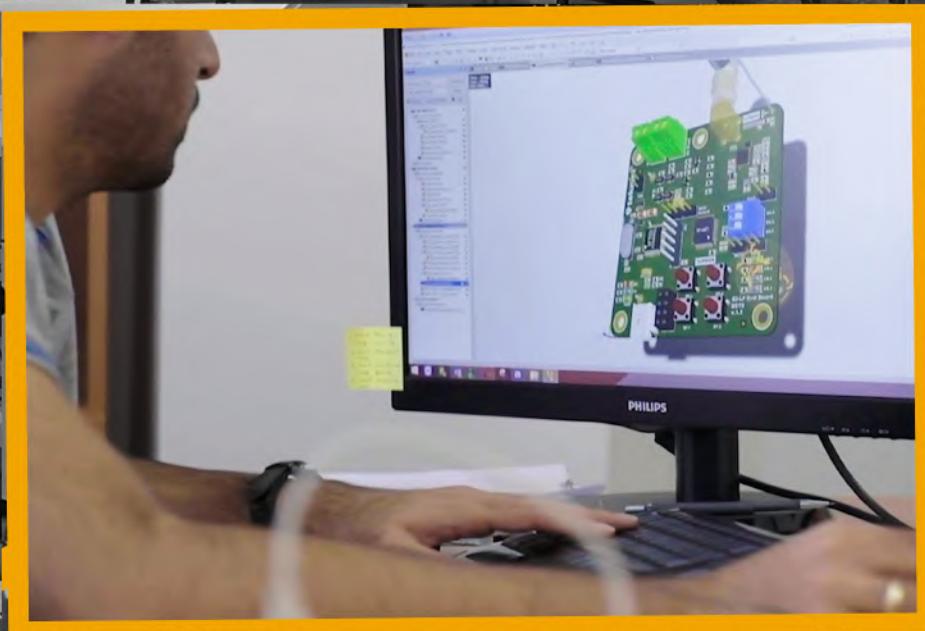
Teknim is one of the oldest and best-known brands in Turkey which design and produce Burglar Alarm Systems, Fire Alarm Systems, External Power Sources, Detectors and Universal Modules in various fields.

Teknim brand products, which are designed and produced in accordance with European quality standards, represent our country in the world electronic security sector and are exported to many countries.

Our products, which are regarded as high-tech products, will diversify, and develop further with the power of our rapidly growing R&D Center.

Teknim will continue to progress with the goal of being one of the brands that are always followed and leading the sector in the world security sector, developing new technologies, happy users, and technicians.





TSP-5324

4 Zone Alarm Control Panel,
Onboard GSM/GPRS

TSP-5208G

8 Zone Alarm Control Panel,
Onboard GSM/GPRS



TEKNİM PARS SERIES



Teknim Pars Series Alarm Systems are designed to perfectly meet the security needs of end users with the latest technology hardware and software components, and to provide maximum comfort to their users with its ease of use and fast response.

Providing a cloud-based mobile application support, Teknim Pars Series Alarm Systems enable to program and use even detailed scenarios designed to meet all security expectations, as well as strong technical and functional features, user-friendly structure, and aesthetic design.

Teknim Pars Series Intrusion Alarm Systems meets the security solution needs of small and medium-sized workplaces and houses with advanced functional features and accessible costs. It also offers comfortable and fast installation and commissioning to the companies and technicians who install these systems by providing configuration software and simplified programming features.

Thanks to the RS-485 based communication protocol that enables communication between panel and keypad, it provides a much faster, safer, and more stable communication than conventional systems even over long distances.

Pars series control panels have advanced protection circuits on the hardware against environmental factors that may prevent the system from working by generating high voltage and current. In this way, the system has been provided to work in a stable manner without deterioration for years.

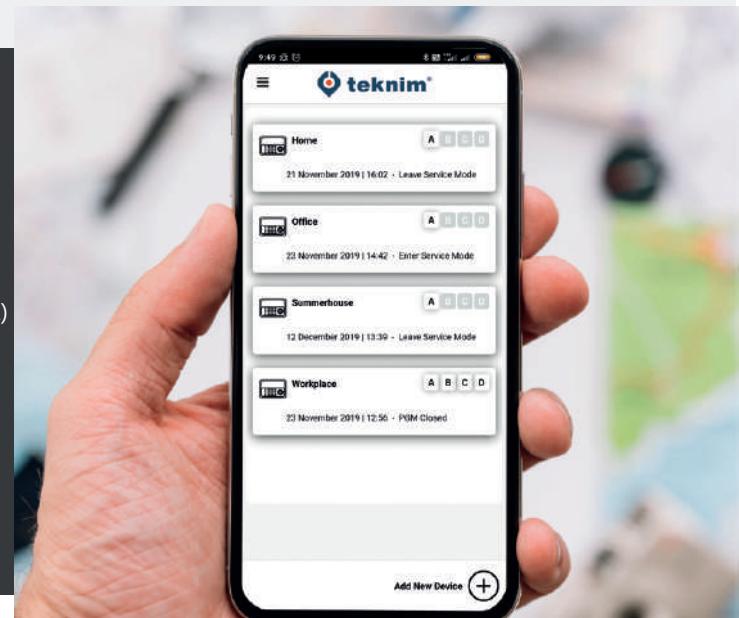
Thanks to its technology that extends the life of the battery, it measures many parameters such as temperature, voltage level, current level and provides long-lasting and stable operation by charging and discharging at certain times.

Due to reason that onboard GSM/GPRS structure, Teknim Pars Series Alarm Panels should be preferred in places where there is no land line, with a high risk of sabotage or in buildings where need more secure and faster communication. Instead of installing additional GSM / GPRS modules to standard alarm panels which using PSTN line, using Teknim Pars Series alarm panels provides much more economical and healthier solutions.

With Teknim's cloud-based mobile application solution, instant information can be obtained about the status of the alarm system, remote controls such as arming-disarming can be made, and the event list of the system can be seen anytime.

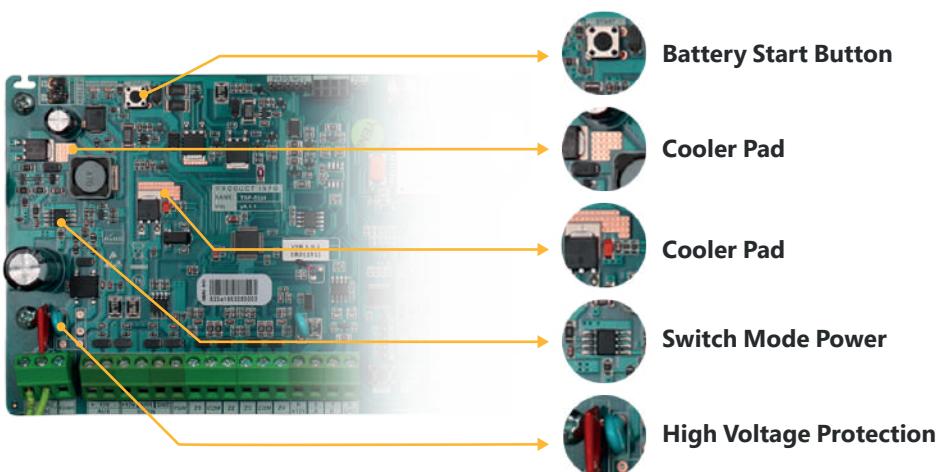
GENERAL FEATURES

- Onboard GSM/GPRS Module
- 4+4 / 8+8 Programmable Zone
- 1x PGM Output
- 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
- 2x Weekly Programmable Calendar
- User Authorization Restriction
- Transformer Included in Panel Box
- Mobile Application Support (Android and IOS)



TSP-53244 Zone Alarm Control Panel,
Onboard GSM/GPRS**TSP-5208G**8 Zone Alarm Control Panel,
Onboard GSM/GPRS**TEKNİM PARS SERIES**

Technical Specifications	TSP-5324	TSP-5208G
Standard Number of Zone	4	8
Maximum number of zones	8 (Double Zone)	16 (Double Zone)
	4	
Event Memory		256
User Codes		10
Siren Duration Time		2-255min.
Power and Frequency	220VAC – 50Hz	
	12V-7Ah	
Siren Output	1x 500mA	
AUX Output	1x 750mA	
	1x 500mA (NO/NC)	
General Specifications		
Power and Frequency	TSK-5710	
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	
User Call – SMS	Up to 6 Numbers	
ARC Number	2	
Communication Format	Ademco Contact ID, SIA DC-03	
Mechanical		
Dimensions (mm)	300x260x39/95mm	1690gr
Environmental		
Operating Temperature	-20°C ~ +70°C 0 ... % 90rH	



TSP-5334

4 Zone Alarm Control Panel,
Onboard Ethernet

TSP-5208N

8 Zone Alarm Control Panel,
Onboard Ethernet



TEKNİM PARS SERIES

NEW



TSP-5334 and TSP-5208N are the new members of Teknim Pars Series Alarm Systems and it has been designed to provide the opportunity to use TEKNIM ALARM MOBILE APPLICATION FREE over existing internet for users who do not want to bear the costs of SIM cards.

It provides fast, continuous, and uninterrupted communication with alarm receiving centers (ARCs). Thanks to its communication by accessing the internet via Ethernet, communication problems arising from land line infrastructures are prevented and it provides secure communication without the need to pay a separate fee for communication.

It allows users to instantly monitor and control the alarm system by TEKNIM ALARM MOBILE APPLICATION. Users can use many features free of charge, including arm-disarm the system, accessing unlimited event history via the mobile application. It can be selected which situations will be received as push notification. For example, zone failure, battery low warning, battery failure, bypass, program entered-exited, etc. The user can receive many events as instant notifications and monitor the healthy functioning of the system for years.

Alarm panels with Ethernet inputs can meet high security needs with their redundant operation features. In case of failure of sabotage or internet-sourced network communication, it can work with GSM / GPRS module or fixed line module, which can be used in addition, to prevent possible communication interruptions. It provides a much faster, safer, and more stable communication.

GENERAL FEATURES

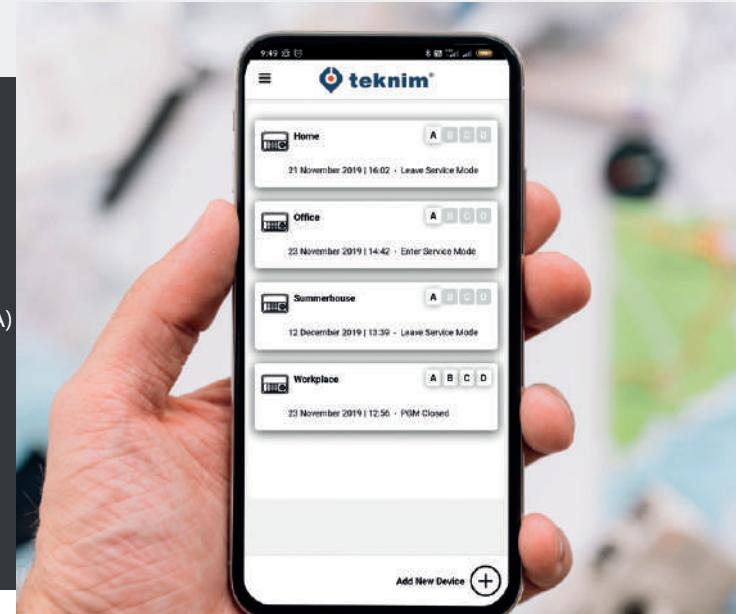
- Onboard Ethernet Module
- 4+4 / 8+8 Programmable Zone
- 1x PGM Output
- 10X User Codes
- 256X Event Memory
- 2 different Alarm Monitoring Center Support (Ademco Contact ID, SIA)
- 2 Different ARC Number Support for each ARC
- 4X Partition Support
- 2x Weekly Programmable Calendar
- User Authorization Restriction
- Transformer Included in Panel Box
- Mobile Application Support (Android and IOS)

Like other Teknim Pars Series panels, it meets the security needs of end users in an economical and stable way with its hardware designed with the latest technology components and its secure software developed by Teknim.

Thanks to the RS-485 based communication protocol that enables communication between panel and keypad, it provides a much faster, safer, and more stable communication than conventional systems even over long distances.

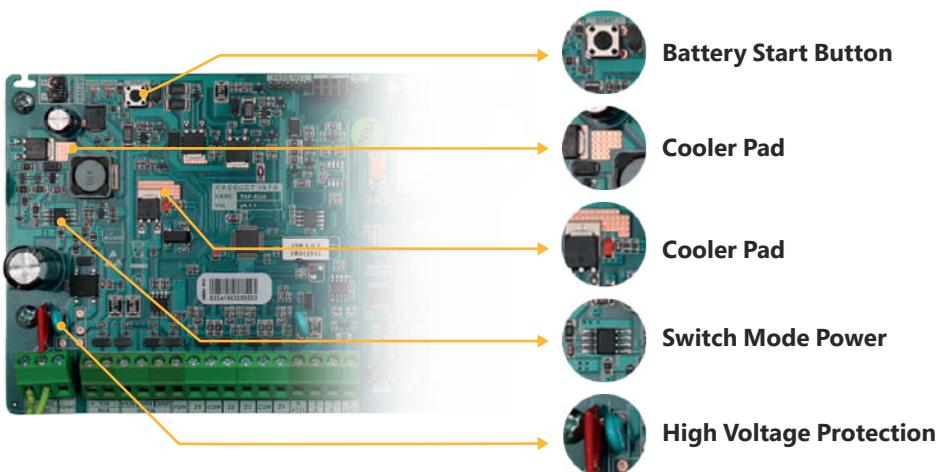
Pars series control panels have advanced protection circuits on the hardware against environmental factors that may prevent the system from working by generating high voltage and current. In this way, the system has been provided to work in a stable manner without deterioration for years.

Thanks to its technology that extends the life of the battery, it measures many parameters such as temperature, voltage level, current level and provides long-lasting and stable operation by charging and discharging at certain times.



TSP-53344 Zone Alarm Control Panel,
Onboard Ethernet**TSP-5208N**8 Zone Alarm Control Panel,
Onboard Ethernet**TEKNİM PARS SERIES**

Technical Specifications	TSP-5334	TSP-5208N
Standard Number of Zone	4	8
Maximum number of zones	8 (Double Zone)	16 (Double Zone)
Partition	4	4
Event Memory	256	
User Codes	10	
Siren Duration Time	2-255min	
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	
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	
ARC Number	2	
Communication Format	Ademco Contact ID, SIA DC-03	
Mechanical		
Weight	1690gr	
Dimensions (mm)	300x260x39/95mm	
Environmental		
Operating Temperature	-20°C ~ +70°C	
Humidity	0 ... % 90rH	



TEKNİM PARS SERIES

TSK-5710 Keypad is specially designed for Teknim Pars Series Alarm Systems. All functional features and usage ergonomics are shaped in accordance with the latest design trends and in a way that people of all ages can use most comfortably. Its backlight and sound level can be turned on and off as desired and It has a comfortable keypad and separated shortcut keys.

The communication between Teknim Pars Series Alarm Panels works stable and extremely fast even at long distances thanks to the RS-485 based special communication protocol developed by Teknim.

Thanks to the TSC-5717 remote control receiver module that can be installed in the Teknim Pars Series TSK-5710 keypad, it also allows the system to be used with a remote control. In conventional systems, since the remote-control receiver module is installed inside the control panel, the alarm panel must be positioned close to the door due to wireless coverage problems, whereas in Teknim Pars Series, since the remote-control receiver can be installed inside of the keypad, the alarm panel can be positioned in a much safer place.



GENERAL FEATURES

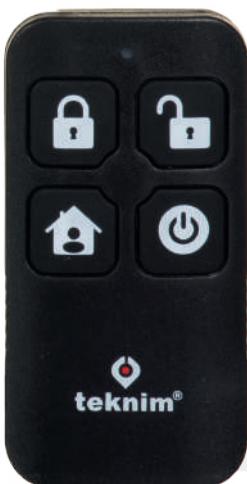
- 4 Keypads Supporting Simultaneous Operation
- Optional Remote-Control Module Support
- Keypad Zone
- Keypad Tamper Switch
- LCD Screen
- Backlit Keypad
- Quick Arm and Bypass Keys

TSC-5717

Remote Kontrol Module



It is a remote-control receiver module designed for Teknim Pars Series Alarm Systems. Used inside TSK-5710 Keypads. Since the keypads are positioned close to the doors, the possibility of coverage problem is eliminated. Supports 10 Remote Key fob.



TSR-5844

Remote Key fob

Used with TSC-5717 Remote Control Module.

Arm-Disarm, Home Arm, PGM Control and Panic Alarm can be done by this Key fob.

Since it is defined to the user, it can be used up to 10 and used only within the user's authority.

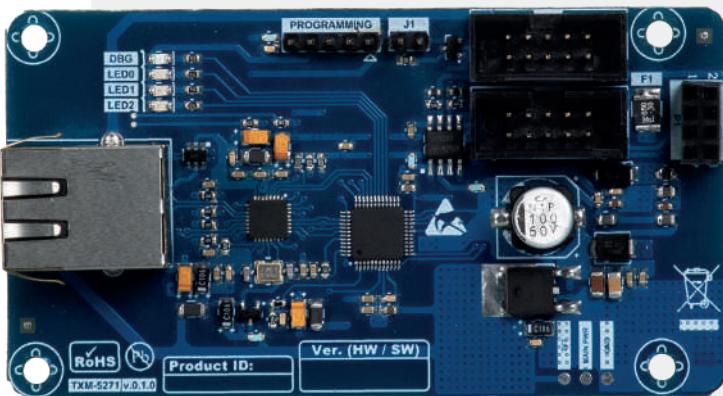
TEKNİM PARS SERIES

Technical Specifications		TSP-5710
Supported Control Panels		TSP-5324, TSP-5208G, TSP-5334, TSP-5208N
LCD Screen		2x16 Character Backlit LCD
LED Indicator		8 Status Notification LED
Keyboard		Illuminated Silicone
Internal Buzzer		Yes
Remote Control Support		10X Key fob with TSC-5717
Electrical		
Power		12-15VDC
Consumption		Min: 157mA, Max: 193mA
General Specifications		
Zone Naming		YES
Keypad Zone		YES
Event Memory		YES
Shows GSM Signal Rate		YES
Multi-Language Support		YES
Easy Programming with Menu Design		YES
Energy Saving Mode		YES
Bypass		YES
Home – Stay Arming		YES
Panic, Fire and Medical Keys		YES
Chime		YES
Quick Partition Arm		YES
Mechanical		
Weight		277gr
Dimensions (mm)		148 x 118 x 22 mm
Body Material and Color		White, Polycarbonate
Environmental		
Operating Temperature		-20°C ~ +70°C
Humidity		0 ... % 90rH



 **TEKNİM PARS SERIES**

NEW



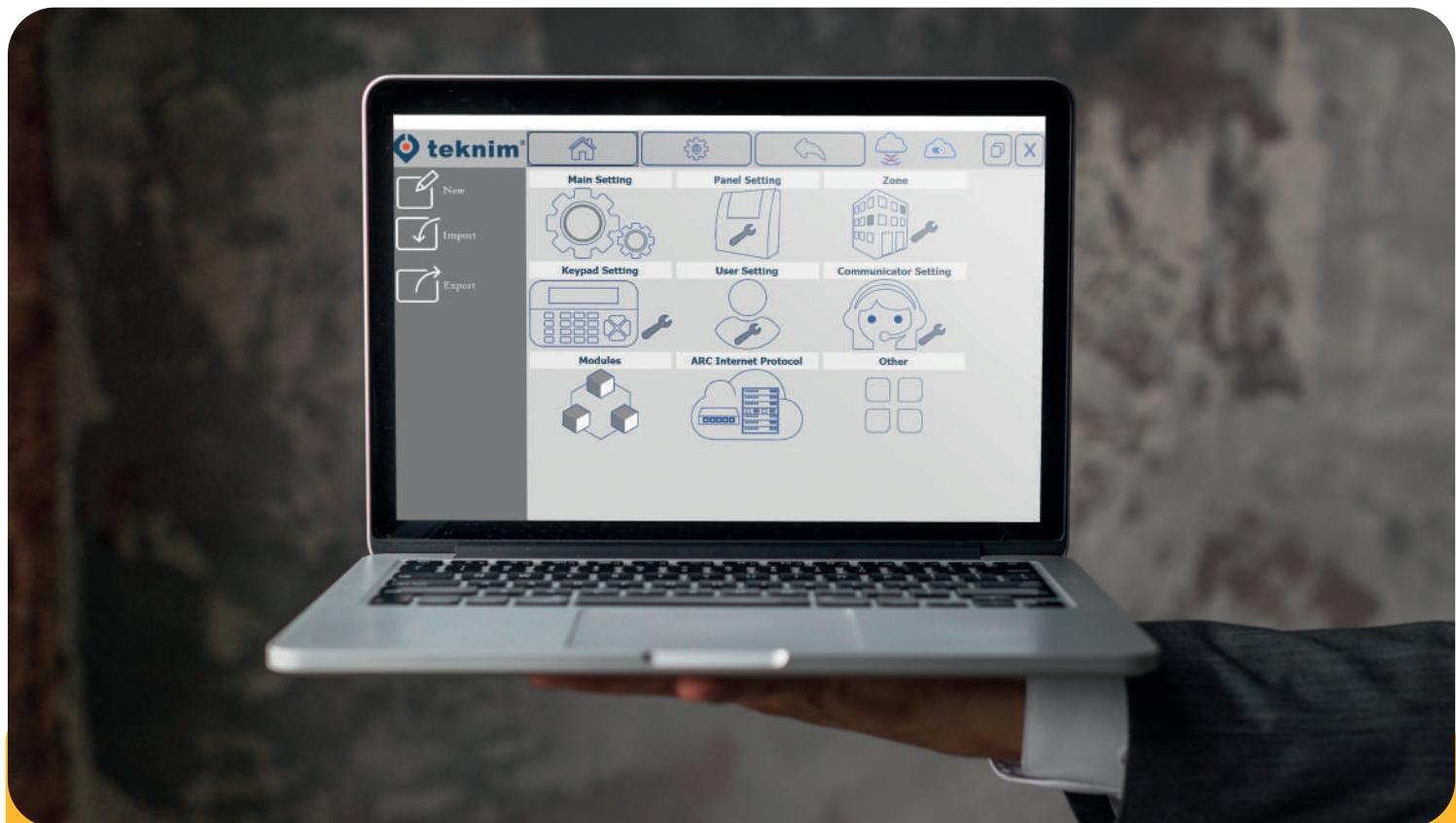
It is designed to be used in Teknim Pars Series Alarm Systems, to connect to the internet via ethernet / network line, to make uninterrupted connection with the alarm receiving center and to simultaneously use the cloud based Teknim mobile application.

It helps to maximize security by running redundantly with other communication modules when necessary. Since it is a much more economical communication method than fixed telephone or GSM line, it can be preferred as a solution for users who do not want to incur additional costs.

GENERAL FEATURES

- Provides Mobile Application Support by Communicating with the Cloud
- ARC Supports Through LAN Internet
- Supports Static or Dynamic IP Configuration
- Supports DNS Settings
- Supports Status Notification LEDs

Technical Specifications		TXM-5271
Supported Control Panels		TSP-5324, TSP-5208G
Supported Protocols		SIA-DC-09
Protocols		RS-485, TCP, UDP, DHCP
Electrical		
Power		From Control Panel 15V
General Specifications		
Back up Operation		Yes
Mobile Application Support		Yes
ARC Connection		Yes

TEKNİM PARS SERIES

Enables programming of Teknim Pars series alarm panels with PC. It has been developed to make all engineering settings on PC instead of keypad,easily and quickly.

GENERAL FEATURES

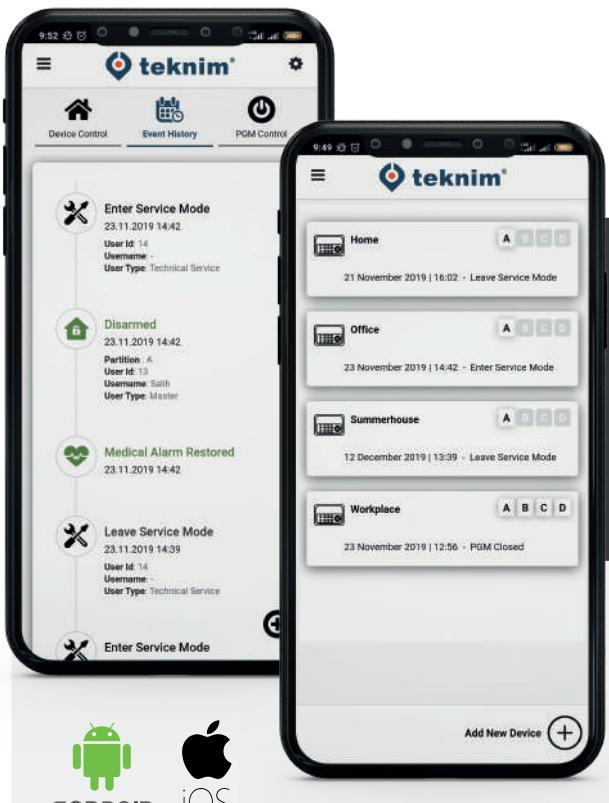
- Multi Language Support
- Back up and Restore the Control Panel Settings
- Time and Date Synchronization from PC
- All Control Panel Settings can be Done
- View and Export All Event History from Control Panel
- Information Screen Shows All Technical Info from Control Panel
- Manual Tests for All Panel Functions



TEKNİM MOBILE APPLICATION

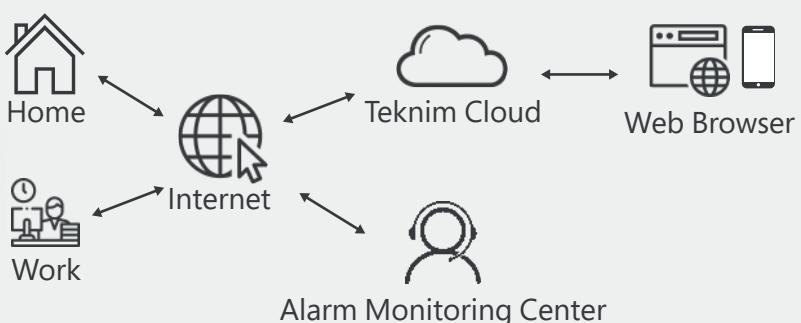


TEKNİM PARS SERIES



FREE

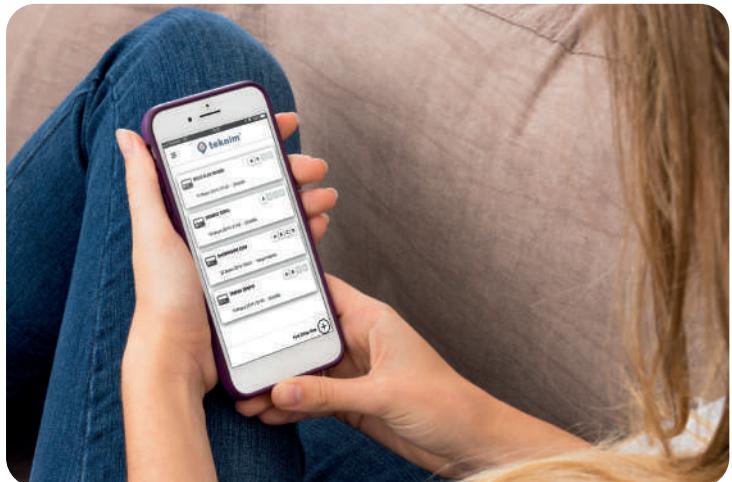
- Cloud-based application support
- Unlimited number of system controls under a single account
- Providing access to the entire event history through the application
- Arm / Disarm and PGM control
- Communicate with cloud and an alarm receiving center at the same time
- IOS and Android support
- Easy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



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.

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.



TEKNİM MOBILE APPLICATION



TEKNİM PARS SERIES



Smart Phone

Use on all smartphones based on IOS and Android



Computer

Easily manage applications on desktops and laptops



iPad/Tablet

Easy to use and manage mobile application on iPads and tablets



VAP-404

4+4 Zone Alarm
Control Panel with
PSTN

VAP-408

8+8 Zone Alarm
Control Panel with
PSTN

VAP-416

16+16 Zone Alarm
Control Panel with
PSTN



TEKNİM VAP SERIES



Teknim VAP Series Alarm Systems are one of the most widespread and rooted alarm systems used in the market and have come to this day by continuously developing and renewed to meet the needs of its users and installation companies. Teknim VAP Series Alarm Systems, which have been developed by experiencing all kinds of problems that may occur from the field, are still among the most preferred and trusted alarm systems today.

With the fixed telephone line connection, which is standard on Teknim VAP Series Alarm Systems, it can instantly call and notify users in case of an alarm or send information to alarm receiving centers over the land line.

Teknim VAP Alarm Systems, which allow the use of all security scenarios of upper segment alarm systems, provide both high security and economical solutions without bringing extra costs to its users.

Teknim VAP Series control panels have 4/8/16 zone capacity alarm panel types. It can meet the needs of most of the project from small scale to medium/big projects.

In addition to being simple and easy to use, it has advanced software that eliminates security vulnerabilities. It is the first choice of technicians as it allows even the most detailed programming needs to be done easily.

GENERAL FEATURES

- Onboard PSTN
- 4+4 / 8+8 / 16+16 Programmable Zone Capacity
- 2x PGM (VAP-404) and 3x PGM (VAP-408 and VAP-416) Output
- 10X (VAP-404), 14X (VAP-408), 34X (VAP-416) 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 and 4 Keypad Support
- 2x Weekly Programmable Calendar
- User Authorization Restriction
- Transformer Included in Panel Box



VAP-404

4+4 Zone Alarm
Control Panel with
PSTN

VAP-408

8+8 Zone Alarm
Control Panel with
PSTN

VAP-416

16+16 Zone Alarm
Control Panel with
PSTN


teknim®

TEKNİM VAP SERIES

Technical Specifications	VAP-404	VAP-408	VAP-416
Standart Zone Sayısı	4	8	16
Standard Number of Zone	8 (Double Zone)	16 (Double Zone)	32 (Double Zone)
Partition		4	
Event Memory		256	
User Codes	10	14	34
Siren Duration Time		2-255min	
Electrical			
Power and Frequency		230VAC – 50Hz	
Battery		12V-7Ah	
Siren Output		1x 500mA	
AUX Output		1x 750mA	
PGM	2x (Max. 500mA)	3x (Max. 500mA)	3x (Max. 500mA)
General Specifications			
Supported Keypads	VPC-108,VPC-301	VPC-108,VPC-301	VPC-301
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	
User Call		Up to 6 Numbers	
ARC Number		2	
Communication Format		Ademco Contact ID, SIA	
Mechanical			
Weight	1385gr	1400gr	3160gr
Dimensions (mm)	300x260x39/95mm	300x260x39/95mm	310x302x83mm
Environmental			
Operating Temperature		0°C ~ +65°C	
Humidity		40°C ... % 95°rH	

VPC-108
LED Keypad

VPC-301
LCD Keypad



TEKNİM VAP SERIES

VPC-108 GENERAL FEATURES

- LED Indicator for Each Zones
- Separate Indicators for Partitions
- Quick Arm Keys for Partitions
- Internal Buzzer
- Chime Feature
- Tamper Protection



VPC-301 GENERAL FEATURES

- 2x16 LCD Display with Blue Backlight
- Programming Menu Structure
- Date/Time and Temperature Info
- Separate Indicators for Partitions
- Quick Arm Keys for Partitions
- Internal Buzzer
- Chime Feature



ATR-244

Remote Control Module



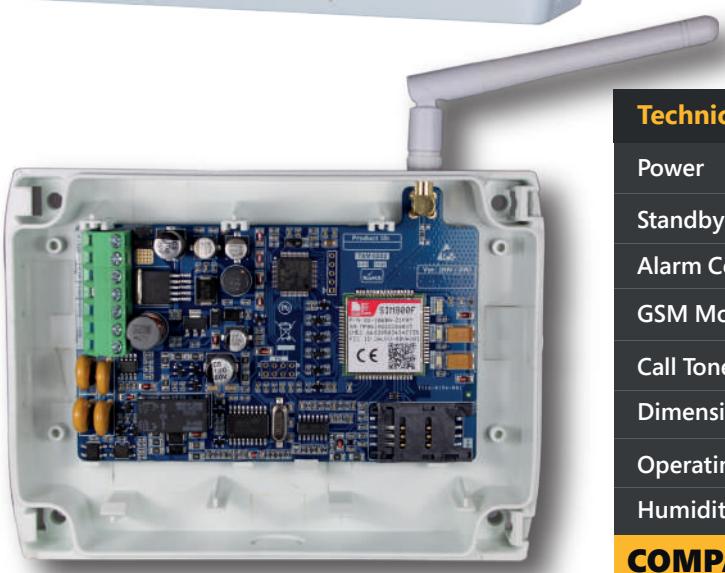
It can be used with VAP Control Panels. Supports panels. Supports 7 remote key fob connection through 433Mhz.

ARC-844

Remote Key fob



Used with VAP series Control Panel via ATR-244 Remote Control Module



Technical Specifications

TXM-0502

Power	10-24 VDC 300mA
Standby Consumption	500mA
Alarm Consumption	120mA
GSM Modem Frequency	850/900/1800/1900 Mhz
Call Tone Frequency	380 Hz
Dimensions (mm)	150 x 110 x 35 mm
Operating Temperature	-20°C ~ 55°C
Humidity	95% RH

COMPATIBLE WITH EVERY BRAND ALARM PANEL





TXM-0504 GSM dialer is used to deliver alarm information from Intruder alarm panels or fire alarm panels to the users over GSM by voice call and SMS. It can also be used to remote start/stop of a product connected over PGM output via SMS. It can be used with all brand of fire alarm panels.

It can be used as a backup when there is a land line in used.

SUPPORT ALL SYSTEMS WITH RELAY OUTPUT WITH ANY BRAND OF ALARM AND FIRE PANELS

GENERAL FEATURES

- A User Call for Each Zones
- 3x SMS for Each Zones
- 17sec. Voice Record
- 2x Zone Input (NC-NO)
- 1x PGM Output

TXM-0504 Module can be program via TXM Configuration software.

Technical Specifications

TXM-0504

Power	10-24 VDC 300mA
Standby Consumption	500mA
Alarm Consumption	120mA
GSM Modem Frequency	850/900/1800/1900 Mhz
Call Tone Frequency	380 Hz
Zone Input	2 (NC/NO)
PGM Output	1
Dimensions (mm)	-20...+55°C





GSM/GPRS dialer is used to deliver alarm information from intruder alarm panels or fire alarm panels to the users over GSM by voice call and SMS and can connect directly with the Alarm Receiving Centers to deliver alarm information via GPRS. It can also be used to remote start/stop of a product connected over PGM output via SMS. It can be used with all brand of fire alarm panels.

SUPPORT ALL SYSTEMS WITH RELAY OUTPUT WITH ANY BRAND OF ALARM AND FIRE PANELS

GENERAL FEATURES

- 15 Seconds Sound Recording
- GPRS Connection with ARC
- 2X Zone Inputs (Fire and Error)
- 1X PGM Output
- 8X Call and 8X SMS for Each Zone
- SMS Notification when Fault on ARC Connection or Fault on Control Panel Connection
- LEDs indicating Operation, Communication and Signal statuses

TXM-0508 Module can be program via TXM Configuration software.

Technical Specifications	TXM-0508
Power	10-24 VDC 300mA
Standby Consumption	500mA
Alarm Consumption	120mA
GSM Modem Frequency	850/900/1800/1900 Mhz
Sound Recording Time	15sec
Communication Format	SIA-DC-09
Zone Inputs	2 (NC/NO)
Outputs (PGM)	1
Number of Users Call	8x Per Each Zone
Number of Users SMS	8x Per Each Zone
SMS Character	50
Dimensions (mm)	150 x 110 x 35 mm
Operating Temperature	-20...+55°C
Humidity	95% RH



ATP series PIR motion detectors have detection algorithms developed as a result of detailed R&D studies to prevent false alarms. ATP series PIR detectors, which are designed completely digitally, offer advanced sensitivity adjustment and three-stage pulse count feature. Normal, Pet immune and Microwave options are available.

Optional ATP-105 Mounting brackets provides convenience in wall and ceiling mounting, while the direction settings of the detector can be made easily.

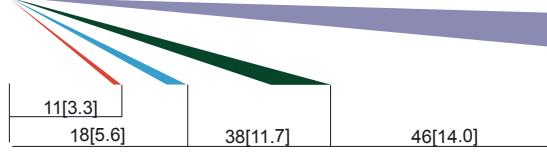
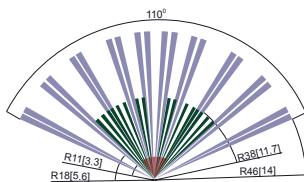
- **ATP-545 / ATP-645 PIR Motion Detector**
- **ATP-545P PET Detector**
- **ATP-570 PIR + Microwave Detector**

GENERAL FEATURES

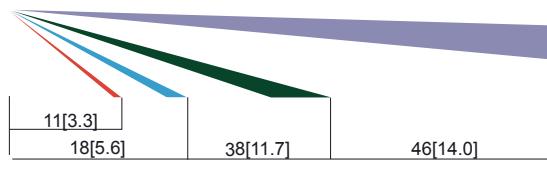
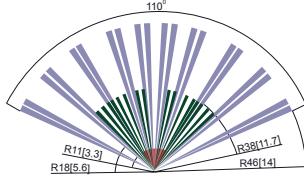
- Lead Free Plastic Material
- Sensitivity Adjustment
- Software Algorithms to Block False Alarms
- Gold Plated, Lead-Free Double Layer Electronic Card
- UV Filtering Lens
- 1/2/3 Stage Pulse Counting
- Compatible with ATP-105 Mounting Bracket



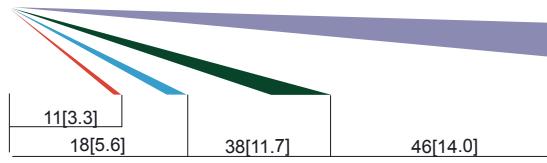
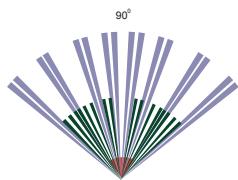
ATP 645
110° 14m (25°C de)



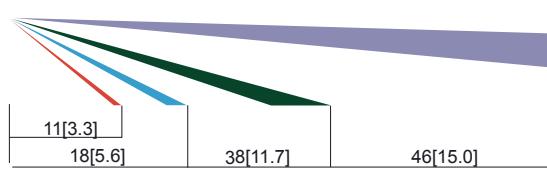
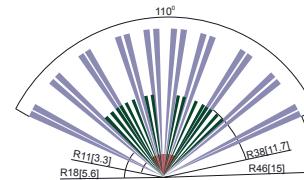
ATP 545
110° 14m (25°C de)



ATP 545P
90° 10m (25°C de)



ATP 570
110° 14m (25°C de)



ATP-645 / ATP-545X / ATP-570

ATP Series PIR Motion Detectors



Technical Features	ATP-645	ATP-545	ATP-545P	ATP-570
Sensor Type	Dual Element Digital	Dual Element Digital	Dual Element Digital	Dual Element Digital
Alarm Output	NC 30VDC – 0,2A	NC 30VDC – 0,2A	NC 30VDC – 0,2A	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	14mt	10mt	15mt
Microwave	No	No	No	DRO, Patch Anten 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°	110°	110°	110°
Pulse Count	3 Levels	3 Levels	3 Levels	3 Levels
Sensitivity Adjustment	Yes	Yes	Yes	Yes (PIR and MW)
PET Immunity	No	No	20kg, 60cm	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
Target Speed Range	Yes	Yes	Yes	Yes
Mechanical				
Weight	80gr	80gr	80gr	90gr
Dimensions (mm)	108 x 63 x 50mm	108 x 63 x 50mm	108 x 63 x 50mm	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

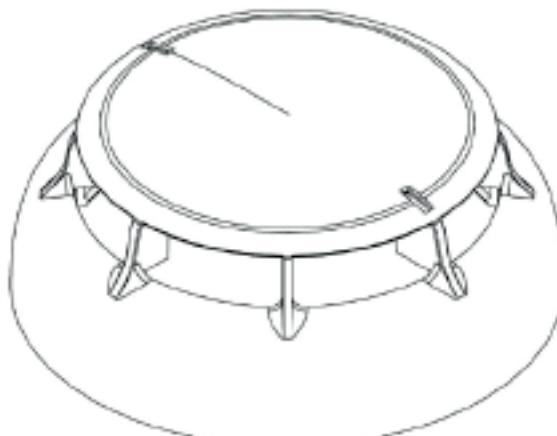
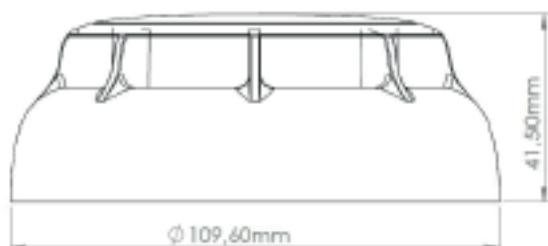
Optical Smoke Detector with Relay Output



EN-54-7

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



TSD-5135 is one of Teknim's most widely used detector and it is used for burglar alarm systems, smart home systems, etc. to detect and inform the fire. It is a relay smoke detector with dry contact alarm output structure that can work in harmony with 3rd party 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.

Technical Specifications

TSD-5135

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	15sn.
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



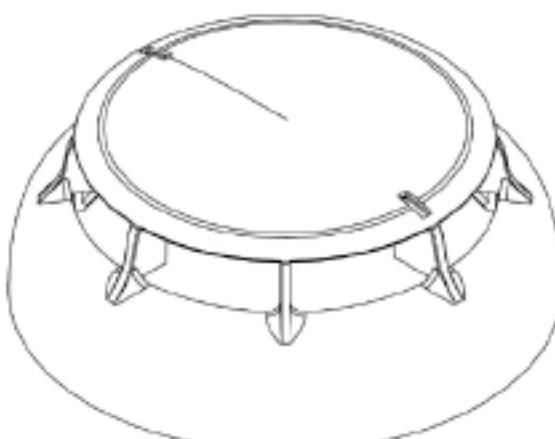
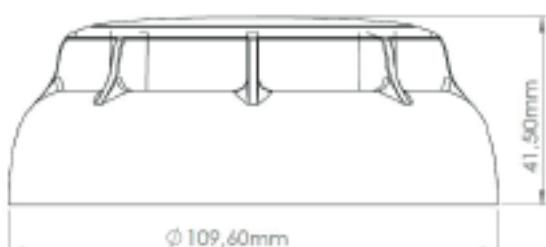
TSD-5125 12V Heat Detector uses heat detection technology to detect fire.

It has an advanced set of algorithms to minimize false detections.

It is designed with two NTCs on it to prevent false alarms and provide more accurate and accurate temperature measurement.

GENERAL FEATURES

- Supports A2S Detection Class
- Support for two different LEDs for 360 ° viewing
- Two different LED colors for Error and Alarm status (Blue / Red)
- Supports 2 NTC to prevent false alarms
- Comply with TFA-0120 Detector base



Technical Specifications		TSD-5125
Operation Type	A2S	
Alarm Output	NC Dry Relay Output	
Electrical		
Power	10-18VDC	
Standby Consumption	10mA	
Alarm Consumption	10mA	
Mechanical		
Weight (Including / Excluded Base)	184gr / 126gr	
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	

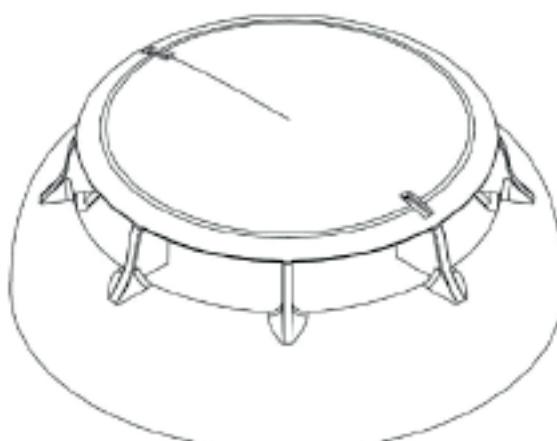
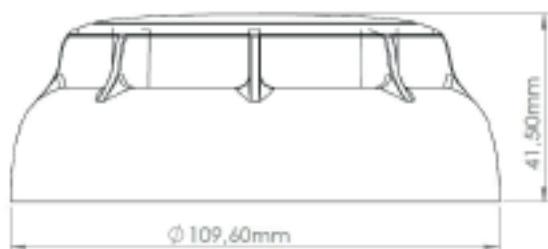
TSD-5150

Multi Detector with Relay Output



GENERAL FEATURES

- Supports Optical and A2S Detection Class
- Support for two different LEDs for 360 ° viewing
- Two different LED colors for Error and Alarm status (Blue / Red)
- Supports 2 NTC to prevent false alarms
- Comply with TFA-0120 Detector base



TSD-5125 12V Multi Detector design to be used with Intruder alarm systems and automation systems with its relay output.

Detector uses optical sensing and heat technology to detect fire. It has several software algorithms to prevent faulty alarms.

Technical Specifications	TSD-5150
Operation Type	Optical / A2S
Alarm Output	NC Dry Relay Output
Smoke Detection Level	~0,15db/m
Electrical	
Power	10-18VDC
Standby Consumption	10mA
Alarm Consumption	10mA
Start Time	15min.
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

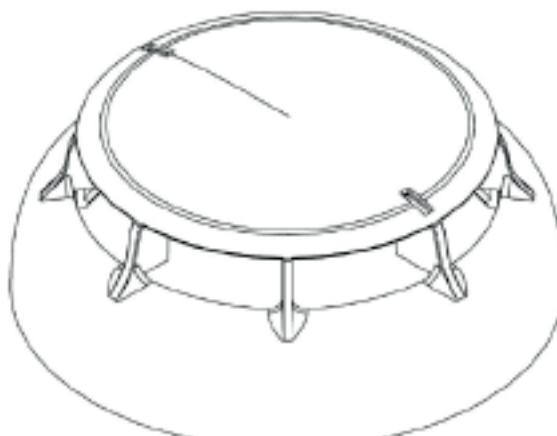
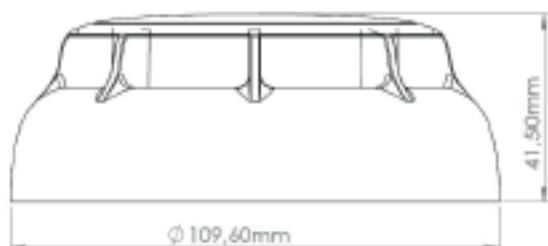
TSD-5124
24V Optical Smoke
Detector with Relay Output

TSD-5154
24V Multi Detector with
Relay Output



GENERAL FEATURES

- Supports Optical and A2S Detection Class
- Support for two different LEDs for 360 ° viewing
- Two different LED colors for Error and Alarm status (Blue / Red)
- Comply with TFA-0120 Detector base



These are smoke and smoke + heat detectors with relay, with dry-contact alarm output designed to work with 3rd party systems operating 24V.

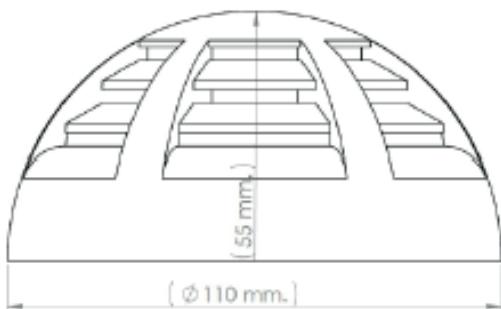
Detector uses optical sensing and heat technology to detect fire. It has several software algorithms to prevent faulty alarms.

Technical Specifications	TSD-5124	TSD-5154
Operation Type	Optical	Optical / A2S
Alarm Output	NC Dry Relay Output	
Smoke Detection Level	~0,15db/m	
Electrical		
Power	24VDC	
Standby Consumption	10mA	
Alarm Consumption	10mA	
Start Time	15min.	
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	



GENERAL FEATURES

- TSE TS-EN 50194-1 Certified
- 85dB Alarm Sound Level
- TEST Button for Buzzer and LEDs
- 2x LED Indicators Enable 360° View from All Directions
- NO Relay for Fire Alarm Systems and NC Relay for Intruder Alarm Systems



TSD-701 is a natural gas detector which can be connected to conventional fire alarm systems (NO) and Intruder alarm systems (NC) or to be used as a stand-alone device with 12-24V external power supply.

It is equipped with 85dB on-board buzzer for audio warning, and with red/ yellow/ green colored led indicators for visual warning.

TSD-701 natural gas detector is suitable for ceiling and wall installations. Detector also provides a test button on it to perform tests for all visual and audio warnings.

Technical Specifications		TSD-701
Standard	TS EN50194-1	
Operating Type	MQ5 Gas Sensor	
Device Type	A	
Detection Level	%10 LEL	
Sound Indicator	Continuous: Gas Alarm Intermittent: Sensor Fault	
Sound Level	≥85dB (at 1mt)	
LED Indicator	Alarm: RED Fault: Yellow Normal: Green	
Test Button	Yes	
Power	12-24VDC	
Average Consumption	12VDC/100mA, 24VDC/50mA	
Alarm Consumption	12VDC/100mA, 24VDC/50mA	
Relay	NO for Fire Systems NC for Intruder Systems	
Start Time	3 min.	
Dimensions (mm)	Ø110 h:50	
Body Material and Color	ABS Plastic – White	
Operating Temperature	-10°C ~ 55°C	
Humidity	95% RH (max)	
Protection Class	IPX2D	

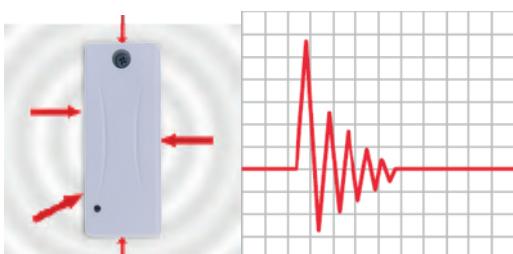


It is a detector for burglar alarm systems and can operate in three different functions. The detector sense Shock, Tilt and Vibration and sends alarm information to the control panel. These three types of detection can be used alone or in combination.

GENERAL FEATURES

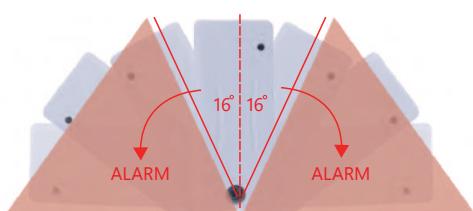
- Electronic G sensor technology
- 0.625mg acceleration sensitivity
- Selectable 3 functions: Shock, Tilt, Vibration (Vibration)
- Function selection by jumper
- Trim pot sensitivity adjustment

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

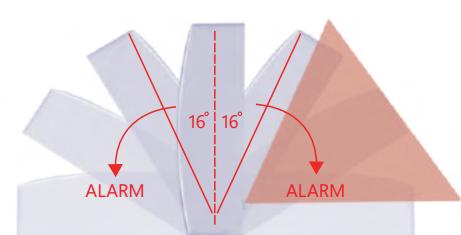


X - Y and Z axis in the impact direction

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

Technical Specifications		TVSD-143
Operation Type	Shock,Tilt (Angle), Vibration	
Sensor	Elektronik 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: 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.



Vibration X, Y and Z Axis



VAS-741

Outdoor Siren with Flasher



VAS-741 External Sirens continue to meet the visual and auditory warning needs of alarm systems in the best way with their high sound level and unique technical features.

Produced with Blue and Red window colors as standard, VAS-741 sirens are also diversified with metal and plastic interior protection options.

Teknim VAS-741 External Sirens, which can work in harmony with all alarm panels, distinguishes itself from its competitors not only with its stylish design but also with its technician-friendly installation, thanks to its smart trigger detection and its ability to distinguish between power failure and sabotage situations



GENERAL FEATURES

- 115dB Sound Level
- 6 Bright 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



Technical Specifications		VAS-741
Sound Level		115dB/m (± 3 dB)
Flasher		Yes
Window Color		Blue / RED
Internal Protection		Plastic / Metal
Electrical		
Power		12-24VDC
Standby Consumption		75mA
Alarm Consumption		Ext: 285mA / Int: 50mA
General Specifications		
Different Sound Option		Yes
Slow / Fast Sound Option		Yes
Adjustable automatic cut-off time		Yes (3min/10min)
Neg / Pos Trigger		Yes
Auto Trigger Detection		Yes
Walking LED / LED Number		Yes/ 6 LED
Built-in Rechargeable Ni-MH Battery		Yes
Tamper Detection		Yes(Front Cover and Remove from Wall)
Distinguish Between Sabotage and Power Failure		Yes
Double Piezo		Optionally
Mechanical		
Weight		762gr
Dimensions (mm)		197x300x78mm
Body Material and Color		197x300x78mm
Environmental		
Operating Temperature		-10°C ~ +65°C
Humidity		%95

TSS-5790

Outdoor Siren with Flasher



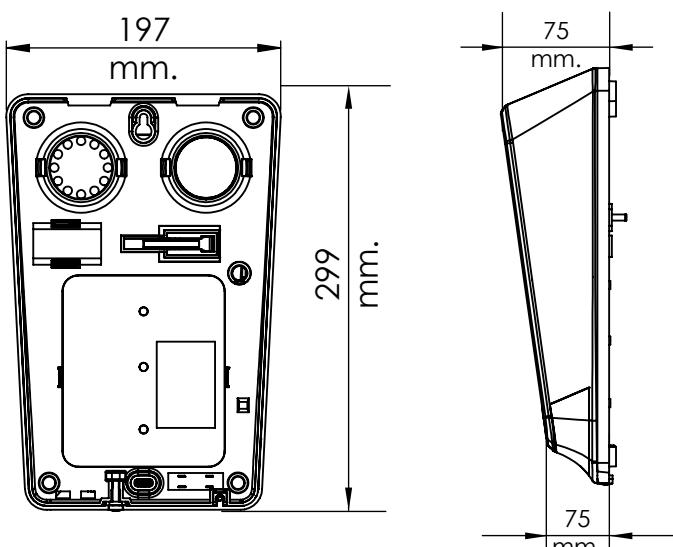
TEKNIM new generation sounders are fully adapts to all kinds of buildings with its aesthetic design. With its high sound level and visible bright flasher feature, it fulfills all expected visual and audio warning features perfectly. The new generation of sirens, produced with Blue and Red window colors 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 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
- 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 for easy installation



Technical Specifications

TSS-5790

Sound Level	115dB/m (± 3 dB)
Flasher	Var (Ultra Bright LED)
Window Cover	RED, Blue
Internal Protection	Transparent Polycarbonate
Electrical	
Power	12-24VDC
Standby Consumption	75mA
Alarm Consumption	Min.: 217mA, Max: 380mA Avg.: 284mA
General Specifications	
Different Siren Sound Option	Yes
Fast / Slow Sound Option	Yes
Adjustable automatic cut-off time	Var (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	197x300x78mm
Environmental	
Operating Temperature	-10°C ~ +65°C
Humidity	%95

TPU-8125

12VDC 5Ah External Power Supply



It can be used in applications requiring additional power supply in burglar alarm, CCTV, Access control or 12V operating systems.

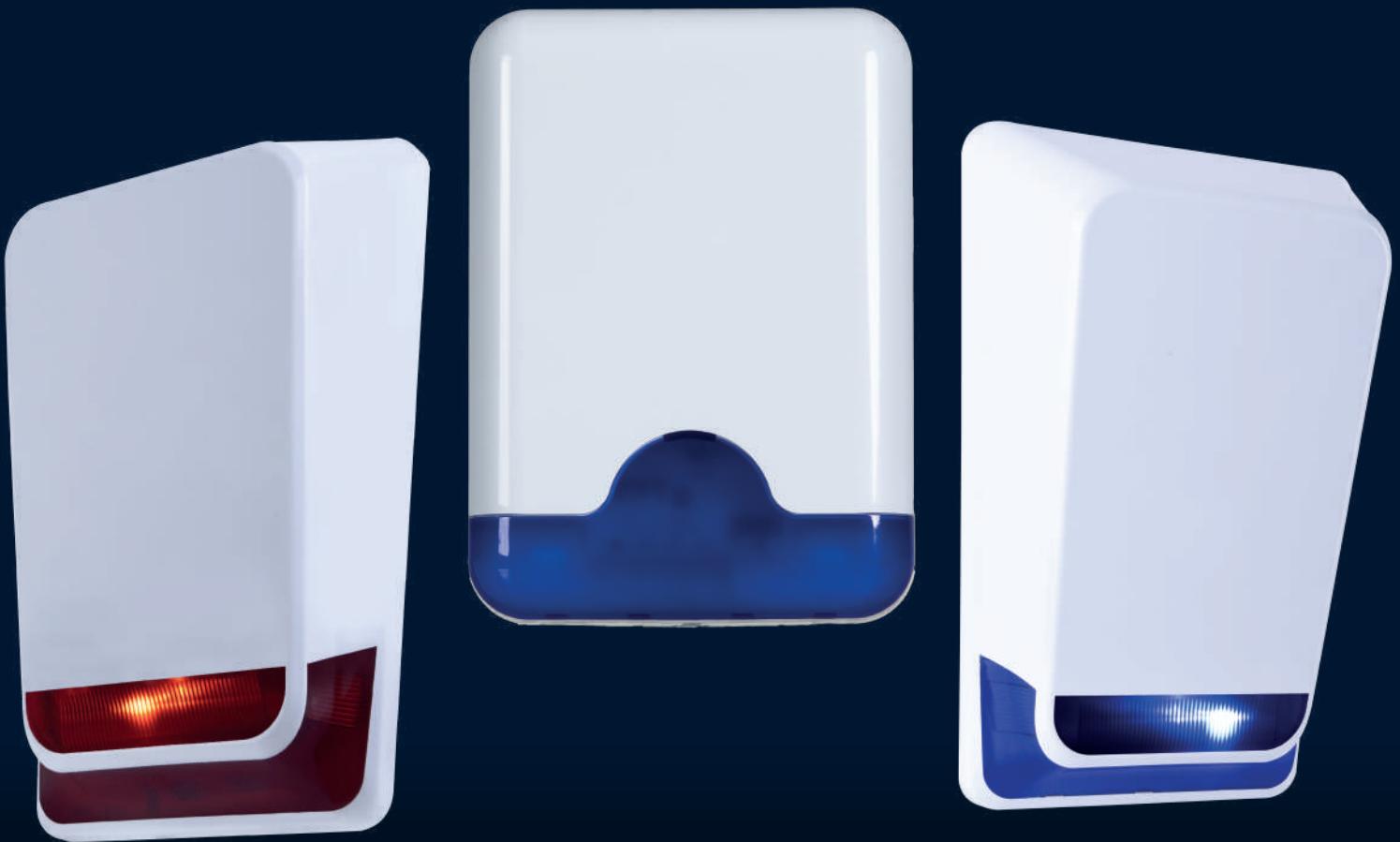
Battery powered against power outages

GENERAL FEATURES

- 12VDC, 5Ah
- Battery Charging
- Used With 12V 7Ah Battery
- Dry Relay for Fault



Technical Specifications	TPU-8125
Smart Charge	Yes
Dry Relay for Fault	Yes
Automatic Fused Outputs	Yes
Status Indicator LED	Yes
Electrical	
Power	200VAC – 240VAC
Operating Frequency	50Hz – 60Hz
Productivity	83%
Output Voltage	10 ~ 12 VDC ± %2
Output Current	S1 Kapalı,
Battery	1x12V 7Ah
Battery Charge Voltage	13.8V @20°C
Low Battery Voltage Protection	<20.5V
Battery Charging Time	24 Saatte %80v
Mechanical	
Dimensions (mm)	268 x 102 x 300 mm
Body Material and Color	Metal-Gri
Environmental	
Operating Temperature	-10°C ~ + 55°C
Humidity	%95



NO COLOR FADING IN SUNLIGHT

You can use Teknim External Sirens for years like the first day, thanks to the UV additive plastic raw material dyes developed against color fading due to sunlight.



teknim®
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