Ipas 2016 Exhibition Attendance Certificate

Suporior Industrial Unit 2021

Industry and Mines Statute 2019

Competent managers Conference . Attendance certificate

Ipas 2017 Exhibition Attendance Certificate

Ipas 2018 Exhibition Attendance Certificate

Hatef National Award

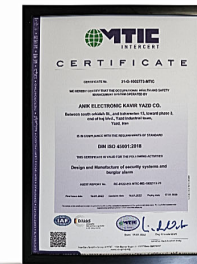Competent managers Conference . Attendance Statute

Honors

Patent Certificate 2009

iSO9001

iSO10004

EU Declaration of Conformity

Young and Innovative Entrepreneur Certificate
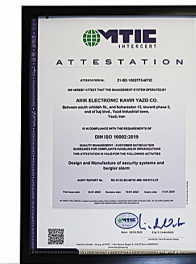
iSO10002

iSO45001

iSO14001

ANIK
Professional Security System
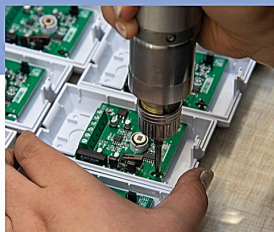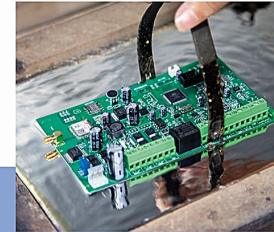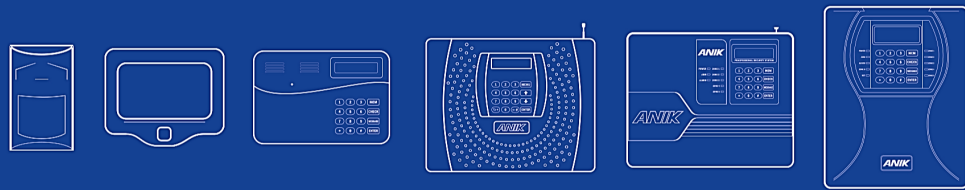
Catalogue of Anik Electronics Kavir Yazd

CE

ISO 45001　ISO 14001　ISO 10004　ISO 10002　ISO 9001

Anik Electronics Kavir Yazd Achieved Standands

Anik Electronics Kavir Yazd

Manufacturer Of Security Alarms

About Us

Anik Electronics Kavir Yazd was founded in 2008, and has transitioned successfully over the past years. From the first manufactured product (a basic Auto Dialer) to the current Alarm systems, Anik Electronics products have come a long way in inspiring the security systems industry in Iran.

By 2014, Anik Electronics started manufacturing GSM intruder alarms using the SMD boards and in a short time became one of the leading security manufacturers in Iran and Anik Electronics brand shined in Iran's industry.

Today we are proud to announce that Anik has the largest product portfolio of security devices and has flown past the competitors.

Obtaining ISO 9001 - 10002 - 10004 - 14001 - 45001 - CE, being chosen as a knowledge-based company, and attending numerous exhibitions since 2014 such as SICUREZZA (Italy, 2019), is just a part of our honors so far.

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In 2018, Anik Electronics was selected as an innovative and entrepreneurial group by Yazd Province Chamber of Industry, Mines and Commerce. In 2019, by introducing a comprehensive package called "Smart Control and Monitoring System", we managed to become a knowledge-based company in Iran.

In 2021, the company was chosen by the Organization of Industry, Mines and Commerce of Yazd Province as a unique industrial product company.

Anik Electronics is totally committed to providing the security industry with high-tech, multi-functional, top quality, low cost yet world-class products. Anik is privileged to have a large number of Iranian bank branches along with thousands of corporate, commercial, retail and residential users as satisfied clients, which has been achieved through years of impeccable customer service and care.

Yazd

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Instagram   Telegram channel   Website

Intruder Alarms

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Intruder Alarms provide the highest level of security assurance for residential homes, villas, bank branches, organizations, and any place where security is essential.

We provide both wired and wireless intruder alarms and our systems support devices such as keypads, sensors, and motion detectors. Intruder Alarms are controlled via key fob, phone call, keypad, and app. Our systems can also be expanded to manage home electric appliances as well.

In the event of an alarm, Intruder Alarms execute pre-determined actions such as siren, and notifying the home owners via calling, text-messages, and app.

Anik Intruder Alarms are a trustworthy source for making places secure, and are installed on more than 200.000 places so far.

Our focus is to put on a user-friendly interface to make sure that system set up and maintenance as well as everyday use will be an enjoyable experience for users in residential homes, business premises, bank branches, and organizations.

Anik produces 7 models of Intruder Alarms.
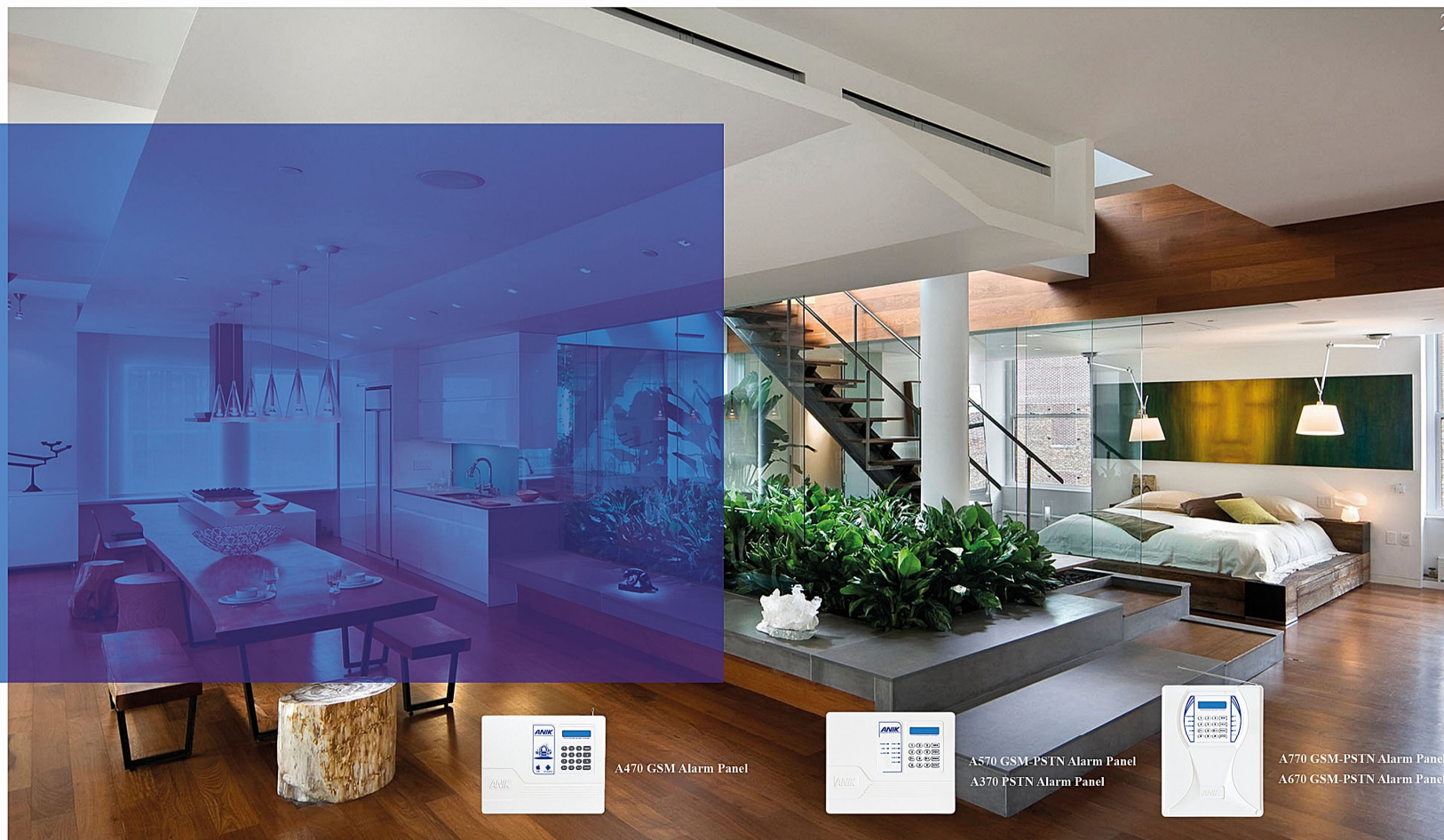
A260 Simple Alarm Panel

ECO4000 GSM Alarm Panel

A470 GSM Alarm Panel

AS70 GSM-PSTN Alarm Panel
A370 PSTN Alarm Panel

A770 GSM-PSTN Alarm Panels
A670 GSM-PSTN Alarm Panels

A 770 & A 670 GSM-PSTN Alarm Panels

A 770 & A 670 alarm panels are equipped with high-quality microprocessors. With remote access facility, it helps you guard family, business or premises against risks of all kinds, whether you are at home, business or away.

The GSM communicator allows the system to transmit a signal to stored contacts in case of any intrusion.it is also equipped with PSTN; and using the phone application, you can also arm or disarm the device. Additionally, A770 supports 2 SIM cards at the same time to provide more assurance for the device alerts.

It can be connected to add-on devices like keypads and accessory modules and the appearance and keyboard have made it a very user-friendly device since it has been designed to be very easy to use.

37 months warranty

Features	A770	A670
Control Via	Key fob - Keypad - GSM Call- application	Key fob - Keypad - GSM Call - application
Number of Zones	5 wired zones - 1 wireless zone	5 wired zones - 1 wireless zone
Number of Outputs	4 outputs	4 outputs
Keyboard Settings	Access level - Siren duration - PSTN type - Change password - Zone type	Access level - Siren duration - PSTN type Change password - Zone type
Type of Zone Modes	Ding Dong - Delay - 24 hours - Pedal	Ding Dong - Delay - Half Active - 24 hours Pedal
Number of Contacts	Save up to 30 phone numbers	Save up to 30 phone numbers
Send Status Report	PSTN - entry and exit - speaker - alarm battery - detector battery	PSTN - entry and exit - speaker alarm battery - detector battery
Phone Application Capabilities	Changing languages - Naming zones - Siren duration - Disconnecting the speaker - Arming and Disarming	Changing languages - Naming zones - Siren duration - Disconnecting the speaker Removing the remote - Activating and Deactivating
Notification	Siren - SMS - GSM Call - PSTN	Siren - SMS - GSM Call - PSTN
Connect to	External Remote Receiver - Control Keypad	External Remote Receiver - Control Keypad Zone Expander
Other features	Different frame design - Sound recording - Dual SIM	Different frame design - Sound recording - Dual SIM
Weight and Dimensions	Weight 1855 gr, length 29 cm, width 23 cm, height 8.8 cm	Weight 1845 gr, length 29 cm, width 23 cm , height 8.8 cm

A570 GSM-PSTN Alarm Panel

A570 is an upgraded version of A500 model which was the Anik's first intruder alarm and, has been developed through years and now is a GSM-PSTN alarm just like A670 and A770 models and is a combination of a wired and a wireless system.

A 570 is equipped with high-quality micropro-cessors but has a few features less than A770 & A670 models (such as number of outputs and zones) and is distributed with a lower price.
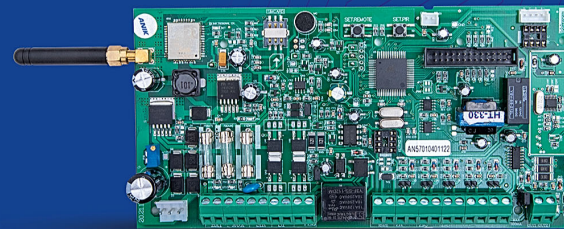
36 months warranty

Features	Description	A570
Control Via	Alarm control (Arm and Disarm)	Key Fob - Keypad - GSM Call - App
Number of zones	The number of device inputs to connect sensors	wired zones - 1 wireless zone 4
Number of Outputs	Through the outputs, you can turn off and on electrical appliances.	outputs 2
Keyboard settings	Settings from panel	Access level - Siren duration - PSTN dialing type - Change password
Type of zone modes	Modes of each zone	Ding Dong - Delay - Half Active - 24 hours
Number of contacts	Numbers stored in the device's memory.	Save up to 30 phone numbers
Send status report	Report disconnection or connection of any wire or input	PSTN - entry and exit - detector battery
Phone application capabilities	Available features on the phone software	Changing languages - Naming zones - Arming and Disarming
Notification	Ways to alert people and users	Siren - SMS - GSM Call - PSTN
Connect to	Types of devices that can be connected to the alarm	External Remote Receiver - Keypad Zone Expander
Other features	Software and hardware facilities	Sound recording
Weight and Dimensions	——————	Weight 1860 gr, length 27.5 cm, width 21.5 cm height 8.5 cm

A470 GSM Alarm Panel

A470 is the newest Anik intruder alarm, and is powered by a very expansive cellular network.

■ **A470 has been designed to be as user-friendly as possible.**
It has a sliding settings menu with a more convenient keyboard, and also zones can be armed or disarmed remotely.

36 months warranty

Features	Description	A470
Control Via	Alarm control (Arm and disarm)	Remote - GSM Call - App
Number of zones	The number of device inputs to connect sensors	5 wired zones - 1 wireless zone
Number of Outputs	Through the outputs, you can turn off and on electrical appliances.	3 outputs
Keyboard Settings	Settings from panel	Access level - Siren duration password change
Type of zone modes	Modes of each zone	Ding Dong - 24 hours
Number of contacts	Numbers stored in the device's memory.	Save up to 30 phone numbers
Send status report	Report disconnection or connection of any wire or input	entry and exit - detector battery
Phone application capabilities	Available features on the phone application	Changing languages - Naming zones - Arming and Disarming -Temporarily deactivating the zone
Notification	Ways to alert people and users	Siren - SMS - GSM Call
Other features	Including software and hardware facilities	Button keyboard-Sound recording
Weight and Dimensions	————————	Weight 1700 gr, length 27.5 cm, width 21.5 cm height 8.5 cm

ECO4000 GSM Alarm Panel
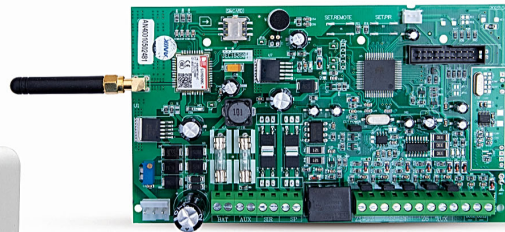
ECO4000 GSM alarm panel is an economical, easy to use intruder alarm for keeping your home or business secure. Along with the economic price, electronic components and programming are similar to the A470, with just a few features less. This device communicates to the wireless sensors and key fob through 433 MHz frequencies.

18 months warranty

Features	Description	ECO4000
Control Via	Alarm control (arm and disarm)	Remote - GSM Call - App
Number of Zones	The number of device inputs to connect sensors	5 wired zones - 1 wireless zone
Number of Outputs	Through the outputs, you can turn off and on electrical appliances.	3 outputs
Keyboard Settings	Settings from panel	Access level - Siren duration Change password
Type of Zone Modes	Modes of each zone	Ding Dong - 24 hours
Number of Contacts	Numbers stored in the device's memory.	Save up to 20 phone numbers
Send Status Report	Report disconnection or connection of any wire or input	Electricity - entry and exit - detector battery
Phone Application Capabilities	Available features on the phone software	Changing languages - Naming zones Activating and Deactivating
Notification	Ways to alert people and users	Siren - SMS - GSM Call
Other Features	Including software and hardware facilities	Button keyboard-Sound recording
Weight and Dimensions	———————	Weight 1700 gr, length 27.5 cm, width 21.5 cm, height 9 cm

A480 GSM-based Burglar Alarm Panel

(Includes Partitioning)

Most burglar alarms are designed for managing one partition only, but this model can manage up to 4 partitions separately to control each section with numerous zones or phone numbers via different kinds of remotes. The other important feature of this device is the capability to support hopping code remotes which are more secure than previous learning code ones because they are impossible to duplicate

60 month guaranty

Capabilities

- partitions separately & Managing

- Setting each partition's zone, phone number, and device remote as desired

- Sending reports of each partition's arrival and departure via text message separately

- hour modes for each partition-24 Setting ding-dong and

- Setting shared zones between partitions (like joint sections in a building)

- Supporting hopping code as well as learning code remotes simultaneously

This device is similar to A470 regarding software and hardware

A370 PSTN Alarm Panel

A370 PSTN Alarm Panel communicates through PSTN, and in the event of an alarm it starts notifying through calling contacts. This device is distributed with a very reasonable price and is usually used in areas where there is no stable mobile network, and dials contacts anytime a power outage takes place.

24 months warranty

| Features	Description	A370
Control Via	Alarm control (Arm and disarm)	Remote - PSTN - keypad
Number of Zones	The number of device inputs to connect sensors	4 wired zones - 1 wireless zone
Number of Outputs	Through the outputs, you can turn off and on electrical appliances.	3 outputs
Keyboard Settings	Settings from panel	Siren duration – Type of dialing from line- Change password
Type of Zone Modes	Modes of each zone	Ding Dong - 24 hours
Number of Contacts	Numbers stored in the device's memory.	Save up to 20 phone numbers
Send Status Report	Report disconnection or connection of any wire or input	voice call
Phone Application Capabilities	Available features on the phone application	Changing languages - Naming zones - Activating and Deactivating
Notification	Ways to alert people and users	Siren - PSTN
Other Features	Including software and hardware facilities	Sound recording
Weight and Dimensions	————————	Weight 1700 gr, length 27.5 cm, width 21.5 cm height 8.5 cm

A260 Simple Alarm Panel

A 260 is the most uncomplicated device in Anik's production portfolio. In the event of an alarm, this device warns through a siren, and it can also be connected to a dialer and notify when an alarm takes place.

This device is not used like before as people prefer to buy alarms with a built-in dialer, but still, has its own special customers.

24 months warranty

Features	Description	A260
Control Via	Alarm control (Arm and disarm)	Remote – Outline Dialer - keypad
Number of Zones	The number of device inputs to connect sensors	4 wired zones - 1 wireless zone
Number of Outputs	Through the outputs, you can turn off and on electrical appliances.	3 outputs
Type of Zone Modes	Modes of each zone	Ding Dong - 24 hours
Number of Contacts	Numbers stored in the device's memory.	Save up to 20 phone numbers
Notification	Ways to alert people and users	Siren
Connect to	Types of devices that can be connected to the alarm	External Remote Receiver - Control Keypad
Other features	Including software and hardware facilities	Adjusting the duration of the siren with a jumper the output of the alarm and city electricity status
Weight and Dimensions	——————	Weight 1556 gr, length 27.5 cm, width 21.5 cm, height 8.4 cm
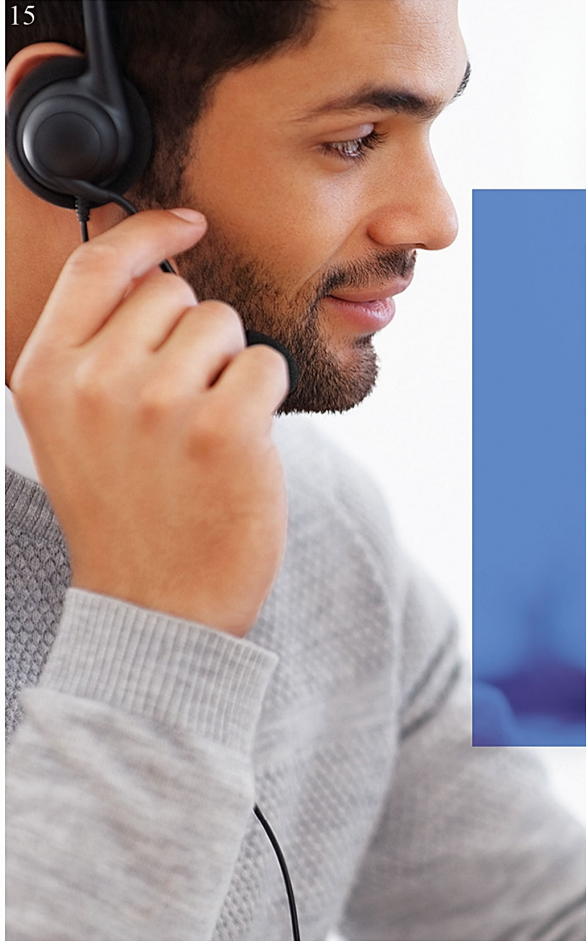
Alert Monitoring

Nowadays, intruder alarms are a crucial part of home and business protection and family safety. Majority of industrial areas, residential homes and commercial premises are now equipped with security and intruder alarms. Therefore, it would be necessary to observe all the premises on a central monitoring system.

For instance,if there has been an intrusion into an organization, the monitoring unit will get an alert and can inform the police department immediately.

This system can be used for residential units, banks, companies, factories, organizations, and any place which requires security.

Anik Electronics has developed and produced several software and hardware systems for alarm monitoring.

Monitoring Center Device (23 Channels)

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It is a physical device that can be installed in the monitoring room to control and monitor the building's security alarms.

This device has 23 indicator lights which are defined for any unit separately. As soon as a theft occurs in a unit, the corresponding indicator light turns on and the central device will start to siren so that the guard can quickly take the necessary responses. This device is connected to alarms via the GSM network and it can be connected to 23 alarms.

24 months warranty

Monitoring Communicator Module

COMING SOON
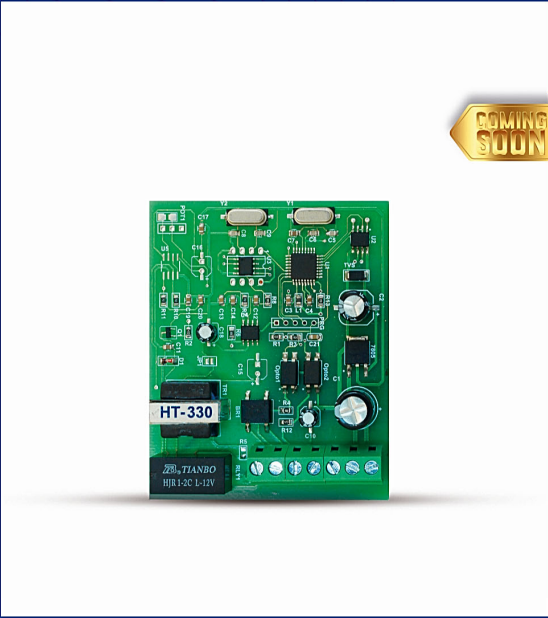
This module sends the security information to the monitoring center device, so that all alarm messages and reports could be displayed on the central monitoring device.
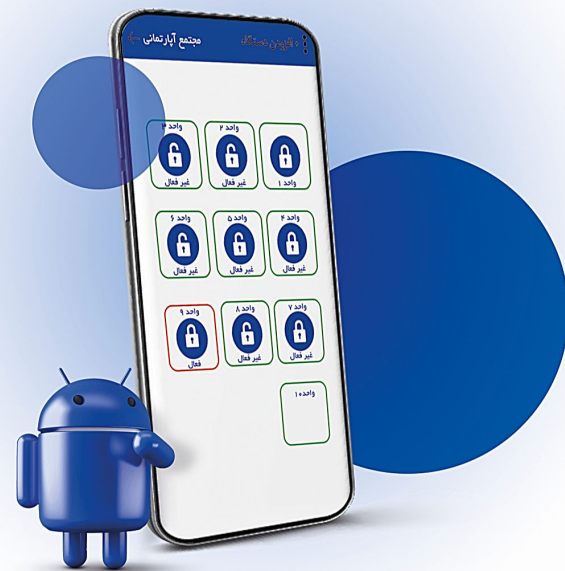
Central Monitoring App

This app allows you to monitor several devices simultaneously. It is available on android phones and, you can add unlimited devices to this app. It also informs reports, including arming and disarming, triggering, disconnection and connection of input cables.

- **Installation on all Android phones**
- **Adding unlimited Alarm devices**
- **Organizing the app menu**

Alarm Settings Menu

System Settings Menu

Contacts Menu

Local Network Monitoring Software (Windows)

This software can be installed on Windows operating systems. For connecting the alarm devices to this software, first you need a "Monitoring Communicator Module".

After installing the software and adjusting the IP and port settings, you can add all modules(clients) that are connected to the alarms.

This software indicates the alarm arm or disarm status, alarm zone status, alarm output status and other information.

Whenever the alarm is armed; the software will immediately open a large window corresponding to the security alarm. In the event of a siren, it informs the operator that which location or zone has been intruded.

Features :

■ The number of alarm clients connected to the software is limited only by the hardware capabilities of the user's computer

■ You can add an unlimited number of users with a defined access level for each user.

■ You can view the status of all devices simultaneously on one screen

■ The status of all alarms is reloaded every few seconds and notifies the alarm about the events.

■ Uses AES-128 encryption algorithm for all information exchanged between software and NIC for maximum security of the system.

■ Users can view and change the status of outputs and connect to the input and output modules via the network
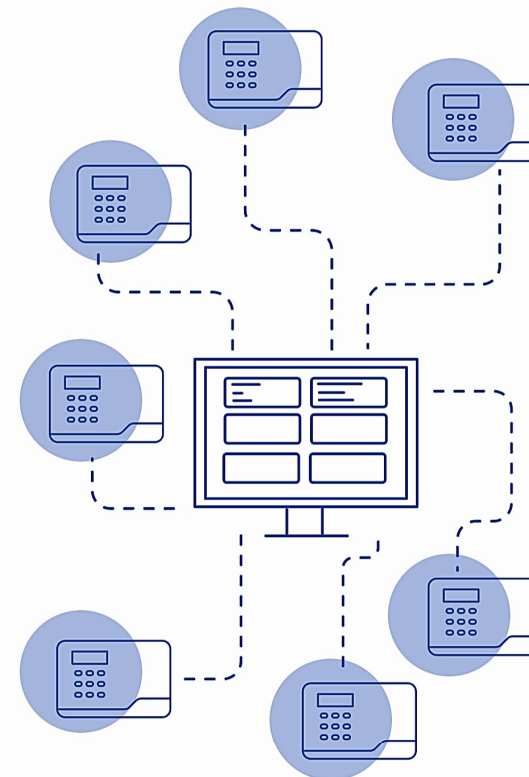
■ Wired motion
detector: P1

■ Wired motion
detector: P2

■ Wired motion
detector: P3

■ Digital motion
detector: DP1

■ Wireless motion
detector: WP1

Motion Detector

Anik makes a wide range of devices and they work well for burglary protection. If you need reliable motion detection then the Anik devices are a sure choice.

Motion Detectors are an important component of any security system. When a sensor detects motion, it will send an alert to the security system, and phone app.

Motion sensors detect the presence of a person or object by detecting the change in temperature of a given area. There are different types of motion sensors including wireless and wired sensors, digital and volumetric sensors, and some of them are designed for outdoor use and some for indoor use. It is very crucial to follow the installation instructions for the detectors.

Anik Electronics produces 5 models of motion detectors.

Hardwired Motion Detector P1

The hardwired motion detector P1 is a passive infrared motion detector. Featuring a solid 14 meters and 140 degrees of detection range, this motion detector can cover pretty much any room in a standard house or business.
This motion detector has been designed to have a low output resistance to be more convenient for long electrical wiring runs.

Features	P1
Sensor Brand	Excelitas(HUMAN)
Detection Renge	140 degrees and 14 meters
Output Type	Electronic
Other Features	Sensitivity adjustment
Weight and Dimensions	Weight 8.73 grams, length 5.10 cm, width 2.6 cm, height 4.5 cm

24 months warranty

Hardwired Motion Detector P2

Anik's P2 hardwired motion detector is an economical, easy to install motion detecting solution for Anik alarm systems.
Jumper pulse adjustment and changing the output type is also available on this device.

Features	P2
Sensor Brand	NICERA
Detection Renge	140 degrees and 14 meters
Output Type	Relay
Other Features	Pulse adjustment – Type output
Weight and Dimensions	Weight 74grams, length 5.10 cm, width 2.6 cm, height 4.5 cm

24 months warranty

Hardwired Motion Detector P3

The hardwired motion detector P3 is a great choice for those who want a cost-effective motion detector that really takes the guesswork out of the equation.

It adopts a unique pet variable calculation for real pet immunity below 15 kg and 25Kg.

Features	P3
Sensor Brand	D203
Detection Renge	140 degrees and 14 meters
Output Type	Electronic
Other Features	Sensitivity adjustment- adjust the weight of 15 and 25 kilos
Weight and Dimensions	Weight 73grams, length 10.5 cm, width 2.6 cm, height 4.5 cm

24 months warranty

Hardwired Motion Detector DP1

This motion detector uses its built-in processor to analyze factors. This will help cut down on motion detector false alarms because three factors need to be tripped before sending an alarm signal to the main panel.

Equipped filters on the device can reduce its false alarm greatly during hot air current and changes in temperature.

| Features	DP1
Sensor Brand	Excelitas(HUMAN)
Detection Renge	140 degrees and 10 meters
Output Type	Electronic
Other Features	Sensitivity adjustment - pet immunity
Weight and Dimensions	Weight 68.5 grams, length 10.5 cm, width 2.6 cm, height 4.5 cm

24 months warranty

Wireless Motion Detector WP1

Features	WP1
Sensor Brand	NICERA
Detection Range	140 degrees and 14 meters
Output Type	Wireless
Other Features	Battery health report - addressing and conditioning adjustment - adjustment of function timing
Weight and Dimensions	Weight 68.5 grams, length 10.5 cm, width 2.6 cm, height 4.5 cm

Overview of Detection Range

Anik's Wireless Motion Detector DP1 offers burglary protection and provides reliable cover in any residential or commercial premises. It is powered by a 9V battery and whenever the battery is low a message will be sent to administrators.

Anik's WP1 detector is produced in 315 and 433 MHz frequencies.

months warranty 24
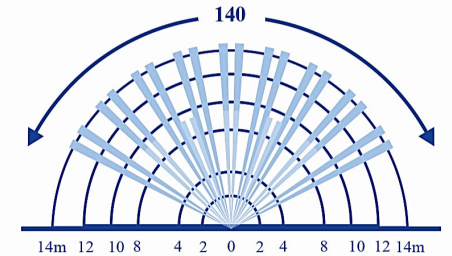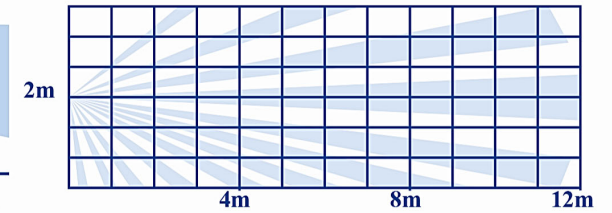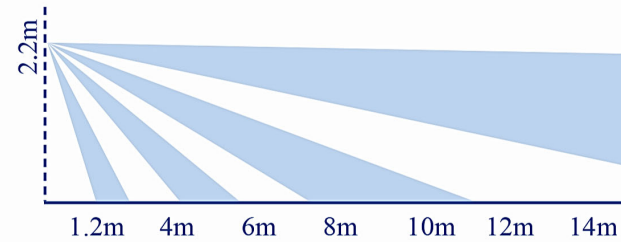
Alarm Auto Dialers

An alarm auto dialer is a device that is made to automatically call phone numbers when a home alarm is triggered. Our Dialers can dial out via landline (PSTN) and GSM network. Alarm auto dialers are perfect for monitoring, automating and controlling your home, vacation home, farm, and all sorts of other applications.

Nowadays intruder alarms are equipped with built-in dialers and alarm auto dialers are now used mostly for automation purposes.

Alarm auto dialers are currently in operation in various industries, including; Factories, Gas, Livestock Protection, Agriculture, and Water & Waste Control.

Anik Electronics produces 2 types of Alarm auto dialers that are as follows:

- **GL150 Alarm Auto Dialer**
- **L50 Alarm Auto Dialer (PSTN)**

GL150 Alarm Auto Dialer (GSM-PSTN)

GL150 alarm auto dialer calls contacts when it is triggered or the power is out.

This dialer has both negative and positive inputs that have programs for making calls. Using the outputs, not only can you control the dialer but also you can control (turning on & off) the connected devices through text message, app and calling.

Features	Description	GL150
Control Via	Alarm control (arm and disarm)	SMS - app - GSM call
Notification	Ways to alert users and authorities	SMS- GSM call - PSTN
Number of Inputs	It notifies users either the input is connected or disconnected	5 inputs (2 positive inputs , 3 negative inputs)
Number and Type of Outputs	You can turn off and on electrical appliances remotely.	6 outputs(negative)
Electricity Status Report	Notifies during the power outage	SMS
PSTN Status Report	Notifies when the line is disconnected	SMS
Number of Contacts	Number of contacts to notify in case of an emergency	Up to 30 contacts
Phone Application Capabilities	features of the phone application	Naming the inputs- Changing the language - controlling the alarm and outputs
Keyboard Settings	Changeable keyboard settings	Number registration - Change the line dialing type - Sound recording
Weight and Dimensions	————	Weight 376 gr, length 20 cm, width 13.8 cm, height 4.5 cm

months warranty 36

36 MONTH GUARANTY

L50 Alarm Auto Dialer

L50 alarm auto dialer, notifies through standard PSTN landlines and using the outputs, you can control (turning on & off) the connected devices. This device is very popular in areas that suffer from poor mobile network coverage.

24 months warranty

Features	Description	L50
Control Via	Alarm control (arm or disarm)	PSTN
Notification	Ways to alert users and authorities	PSTN
Number of Inputs	It notifies users either the input is connected or disconnected	4 inputs (2 positive inputs, 2 negative inputs)
Number and type of Outputs	You can turn off and on electrical appliances remotely	1 output (negative)
Electricity Status Report	Notifies during the power outage	Voice call
PSTN Status Report	Notification when the city telephone line is disconnected.	No
Number of Contacts	Numbers stored in the device's memory	Save up to 20 phone numbers
Phone Application Capabilities	Available features on the phone application	No
TKeyboard Settings	Saving contacts - changing the type call - setting the number of waiting calls	Number registration - Change the line dialing type - Sound recording - Set the number of ring waiting.
Weight and Dimensions	———	Weight 343 gr, length 20 cm , width 13.8 cm, height 4.5 cm

T1 Touchscreen Keypad

K910 Touchscreen Keypad

K808 Alarm Keypad

Alarm Keypads

Alarm keypads are used for controlling alarm systems. With an alarm keypad, you can arm and disarm your system and make important changes to the system programming (You can add up to 10 users to have access to Anik keypads).

It's highly recommended to install the alarm keypads in a strategic location that is easy and quick to get to; It is usually mounted near the entrance door to provide quick access to the keypad.

Alarm keypads are more useful devices compared to key fobs as there is no risk of being lost or stolen for them.

Banks, Organizations, Jewelries, and large houses use one or several Alarm Keypads for their security systems.

Anik Produces 3 types of Alarm Keypads

34 months warranty

T1 Touchscreen Keypad

T1 touchscreen keypad offers a 5" touchscreen display and provides full control over the alarm system and programming. With its intuitive color icons and simple menus, the T1 touchscreen keypad will help you get the most out of the alarms.

Features	Description	T1
Control Via	Alarm control (arm and disarm)	Yes
Display Type	Display type to show the alarm status	5 inches fully digital
Keyboard Type	Enter information from the device	Touch
Time and Date Display	Time and date display	Yes
Output Control Type	Turn the outputs off and on	Permanent - temporary - daily and weekly scheduling
Number of Users	Number of users who can control the alarm	10
Display Alarm Status and Connections	Showing all reports and external connections	Yes
Delay zone	Limit password entry time	Yes
Other Features	Including device menus and accessories	Setting the volume - duration of the screen - delay settings
Weight and Dimensions	————	Weight 190 gr , length 14.5 cm , width 12 cm, height 2 cm

K910 Touchscreen Keypad

K910 Keypad is equipped with a simple touch screen, and in addition to its delightful appearance it is distributed with a reasonable price.
Users can easily control the alarm and outputs in this model.

24 months warranty

Features	Description	K910
Control Via	Alarm control (arm and disarm)	Yes
Display Type	Display type to show the alarm status	No
Keyboard Type	Enter information from the device	Touch
Time and Date Display	Time and date display	No
Output Control Type	Turn the outputs off and on	Permanent - temporary
Number of Users	Number of users who can control the alarm	10
Display Alarm status and Connections	Showing all reports and external connections	Yes
Delay Zone	Limit password entry time	Yes
Other Features	Including device menus and accessories	Setting the volume - duration of the screen - delay setting- Backlight adjustment
Weight and Dimensions	————	Weight 163 gr , length 14.5 cm , width 12 cm , height 2 cm

K808 Alarm Keypad

The K808 keypad has a button keyboard unlike the other two models and has been designed for customers who prefer button keypads.

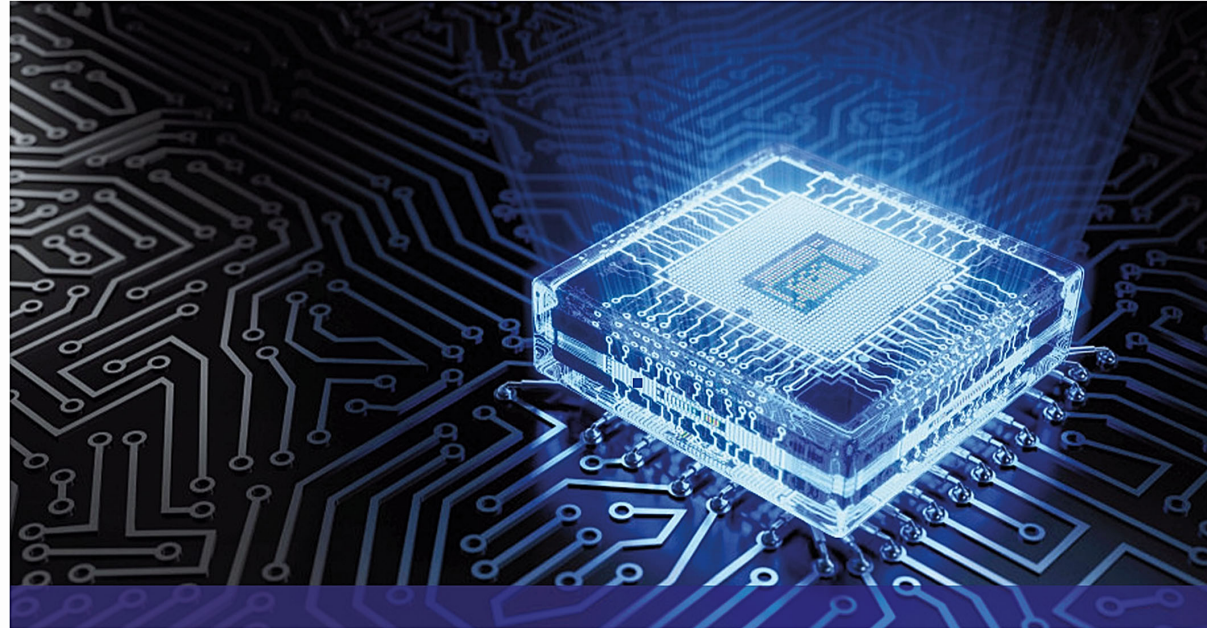Users can easily control the alarm and outputs using this device.

24 months warranty

Features	Description	T1
Control Via	Alarm control (arm and disarm)	Yes
Display Type	Display type to show the alarm status	2*16 characters
Keyboard Type	Enter information from the device	Button
Time and date Display	Time and date display	Yes
Output Control Type	Turn the outputs off and on	Permanent
Number of Users	Number of users who can control the alarm	10
Display Alarm Status and Connections	Showing all reports and external connections	Yes
Delay zone	Limit password entry time	Yes
Other Features	Including device menus and accessories	Setting the volume - Setting the time and date - screen duration - Setting the delay
Weight and Dimensions	————	Weight 200 gr , length 16.5 cm , width 12 cm , height 2 cm

Expander

Expanders increase the number of inputs and outputs of the intruder alarms. They allow you to increase the number of wired zones used with your hardwired system. This can be very important if you are setting up a major security system for a large home or business. In order to install the intruder alarm systems in large places like factories, more zones are needed to cover all entrances. Using a single alarm is not enough as it has a limited number of zones and you will have to install several sensors in a single zone and in this case, you cannot figure out the exact area that has triggered the alarm. Using expanders, you can connect each sensor to a zone so that the desired zone can be found faster in case of an emergency.

■ **Since some of the wire runs may be too long and difficult, the expander can be placed up to 200 meters from the alarm device and sensors can be added to this device.**

Once a device zone is triggered, a text message will be sent to the alarm users, indicating the zone and device number.
The A570 model can be connected to up to 5 expanders, which can provide up to 100 wired zones that makes it sufficient even for very large projects.
This device connects to the alarm system via RS485 communication.
Another product is the output expanders that can be used to remotely control several electronic devices.

■ Anik Electronics produces three models of expanders:

■ EXP20r: 20 Outputs Expander
■ EXP20z: 20 Zones Expander
■ EXP20z: 20 Zones Expander

EXP20z (20 Zones Expander) & EXP5z (5 Zones Expander)

Users can use any of these devices according to the number of zones they need for their place.

EXP20r provides 20 extra zones and has a dedicated box that includes a 220V to 12V converter circuit, a battery charger circuit, and a siren circuit.

EXP5r provides 5 extra zones and has no box and is installed at the intruder alarm box.

5 Zone Expanders

24 months warranty
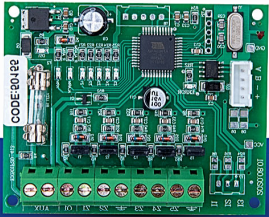
Features	Description	20 Zone	5 Zone
Number of zones	The number of device inputs to connect all types of sensors	20 zones	5 zones
Type of Zone	Wired or wireless connection	Wired (NC)	Wired (NC)
Type of Box	Type of box used to place the board or no box	Alarm box	No
Sensor Power Output	The output required to supply power to the sensors	Yes	Yes
Siren Output	Type of audio alarm outputs when alarmed	Siren connection output	Alarm relay trigger output
Battery Installation	The amperage of the battery to supply power outage	Yes	No
Input Voltage	Input voltage level to turn on the device	220 and 12 V	12 V

EXP20r (20 Outputs Expander)

This output expander is suitable for remote control functions and for switching on and off the electrical appliances such as cooling and heating systems, lamps, doors and electric shutters.

This device has 10 relay outputs and 10 negative outputs, and users can also manage the outputs through application and text message.

24 months warranty

Features	20 - Output
Number of Outputs	20
Output Type	10 relay outputs and 10 negative outputs
Type of Box	Alarm box
Relay Current	10 amps
Battery Installation	Yes
Input Voltage	220 and 12 V

Overview of the connection between Alarm system and Expanders

Alarm system

20-Outputs

20-Zones
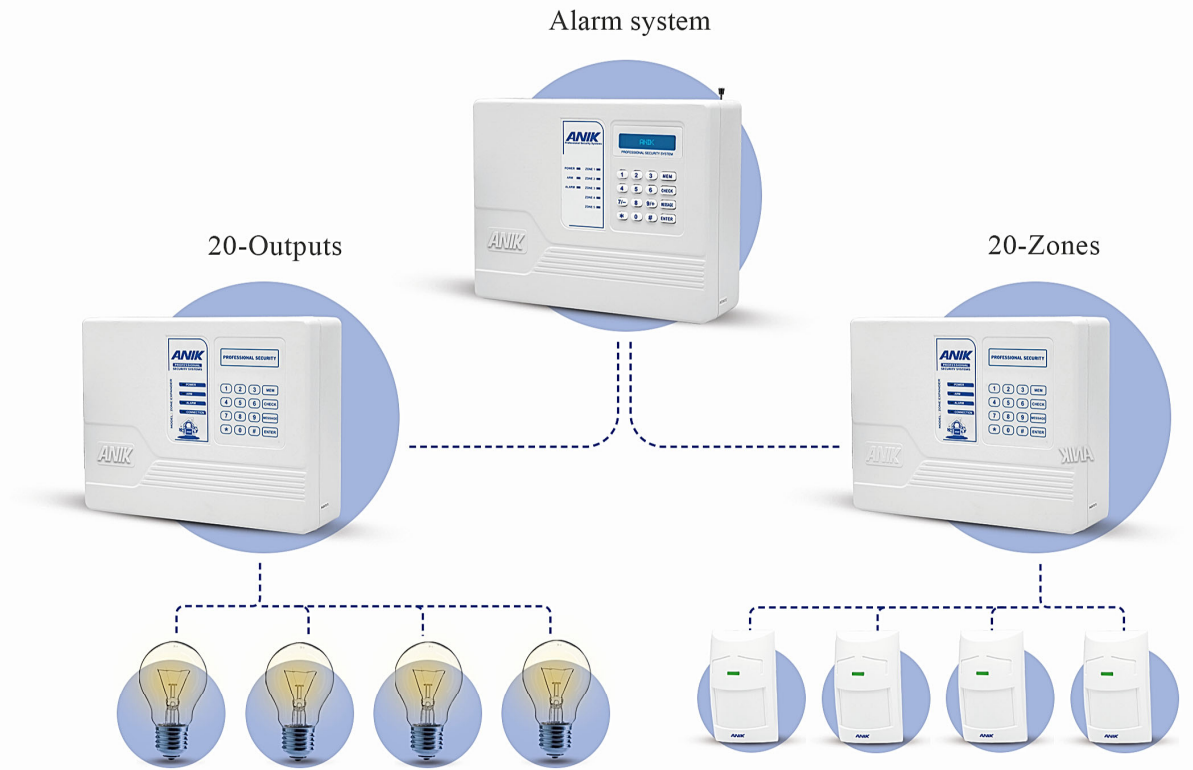
Network

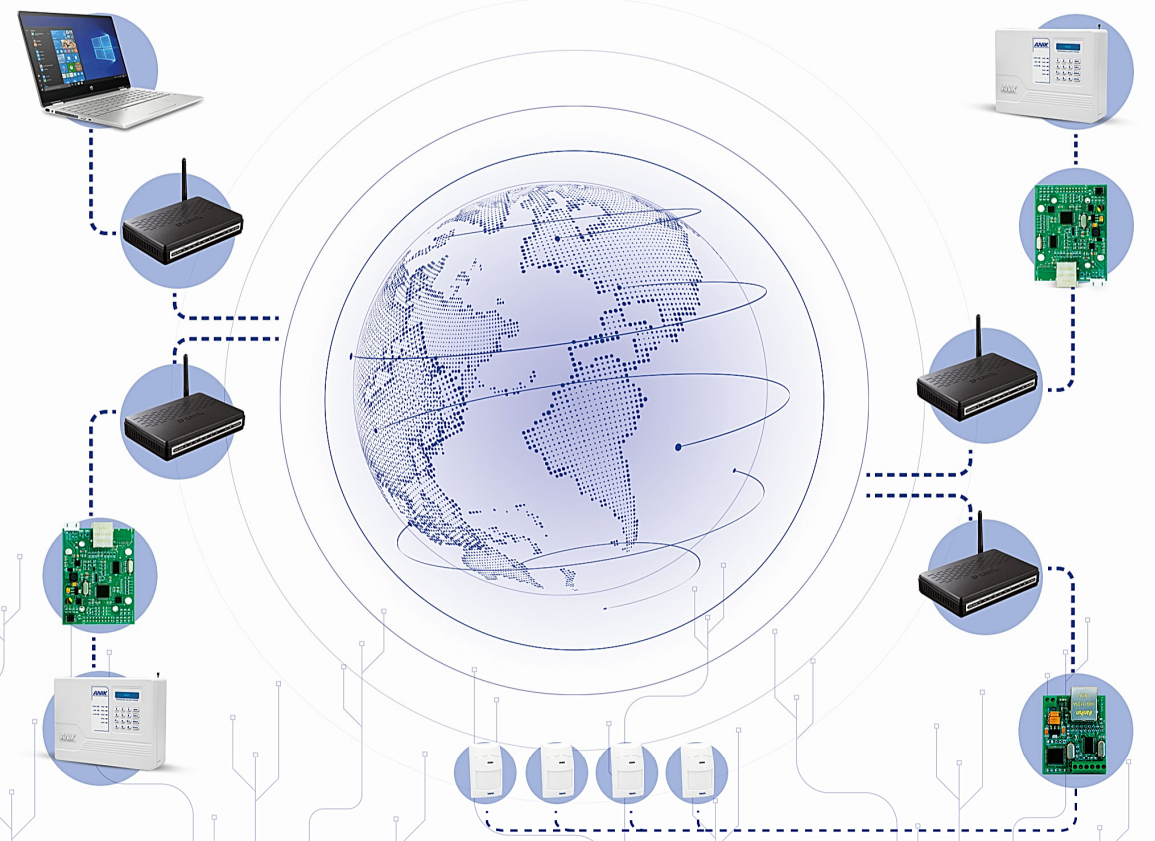Network is one of the best ways to control the intruder and alarm systems.

Using the network, you can control and monitor any triggering or interruption of inputs. First, we need to connect the alarm systems with A/B inputs to the network by adding a separate module. In this way, we can control many alarm systems together using the application.

By connecting the alarm systems to the network, you can control your alarm system from anywhere via the internet.

Anik Electronics has produces two types of products in network section:
- NS20 Alarm to Network Communicator
- NC4 Sensor to Network Communicator

Overview of sensor and alarm connection through network

NS20 Alarm to Network Communicator

This communicator connects the alarm to the network and allows you to manage and monitor the devices through software. It can connect you to both the local network and internet.

In addition, this module can work as a server for NC4 network modules. Each module can connect to 20 NC4 modules, which is equivalent to four 20 zone expanders.

24 months warranty

Features:

- Sending and receiving data through TCP/IP and UDP protocols
- Keeping a unique MAC ADDRESS for each board
- Assigning static or dynamic IP (Supports the DHCP Protocol)
- IP setting of the server software
- AES-128 encryption algorithm has been used to encrypt all transmitted data
- Controlling all the process through the software or web browser
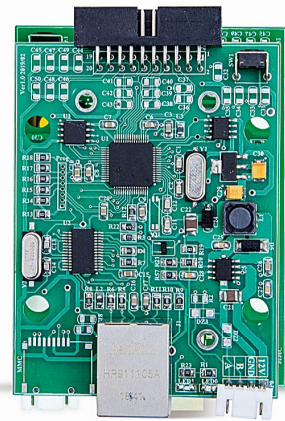
# NC4 Sensor to Network Communicator

This communicator connects the sensors to the alarm system via the network. Therefore, you can connect sensors to the alarm no matter how far they are from each other and the alarm will start alerting whenever the sensors are triggered.

The sensors are connected to the NC4 module, which is connected to the NS20 via network and The NS20 module is connected to the alarm through RS485.

- 4 inputs for connection of the sensors
- software for network settings
- Automatic software search through the UDP
- Automatic software search through the UDP
- Unique MAC address
- Using as a client for NS20 module
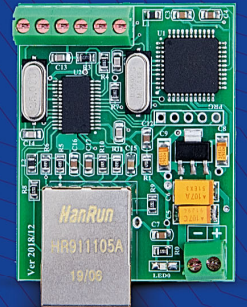
24 months warranty

Power Supplies

Security cameras do not possess backup batteries, so when the power goes out, recording stops. To solve this problem, power supplies are needed so that cameras can continue recording during a power outage.

The battery run time depends on several factors, such as the device's battery, whether it is day or night when recording, the type of camera and the recording device.

Emergency power supplies can be used in any type of location, such as homes, stores, factories, etc. Obviously, these devices vary in size, power, power duration, battery capacity, and the number of outputs.

Anik Electronics produces 3 models of power supplies:

- Anik 20A Backup Battery
- Anik 15A Backup Battery
- Anik 3A Battery Charger

Anik 15A Backup Battery

■ 5 Fuse-protected outputs for camera and recorder

■ Connects to camera and recorder without any voltage converters

■ Install batteries up to 9A in the box and up to 20A out of the box

■ The processor cuts the output voltage when the battery level is low

■ Weight 1200 gr, length 28 cm, width 22 cm, height 8 cm

ANIK POWER

● OUTPUT : 12V ±5%

Suitable for CCTV CAMERA & DVR

Anik 15A backup Battery is used for residential buildings and stores, and provides energy for about two hours when connected to 4 cameras and a recording device equipped with a 7 A battery.

24 MONTH GUARANTY — 24 months warranty

بدون پاور

Anik 20A Backup Battery

This device can supply up to 30 cameras and 2 recorders.

Determining and converting the voltage and the current, prevents damage to the battery and recorder.

The device shows input voltages and battery reports such as voltage and current.

ANIK Camera Power Supply

■ Voltage stabilization circuit

■ Automatic cutting when the battery voltage is low

■ Placing three 7-amps batteries or two 9-amps batteries inside the box

■ Output to connect to router, switch and unnecessary devices

■ Setting the battery charging current

■ 7 outputs for camera and 2 outputs for recorder and 1 output for router or network switch

■ 2 separate switching power supplies of 30 and 15 amps

■ 5 amp output for charging the battery by connecting the battery with unlimited power

■ Weight 3800 gr, length 34 cm, width 26 cm, height 12.5 cm

24 MONTH GUARANTY — 24 months warranty

بدون پاور

Anik 3A Battery Charger

This battery charger can charge batteries with a capacity of 7Ah, which is used for devices that do not have a charger circuit.

■ Suitable for powering the dialers during the power outage

■ Installing batteries up to 7 amps inside the box

■ 5 fuse-protected outputs

■ Battery supply output

24 months warranty

ANIK POWER

● OUTPUT : 12V ±5%

Suitable for CCTV CAMERA & DVR

Battery life chart (cycle) of charging and discharging according to the percentage of battery discharge

● If the battery discharge rate is 30 %, the battery life cycle is 3000 times.
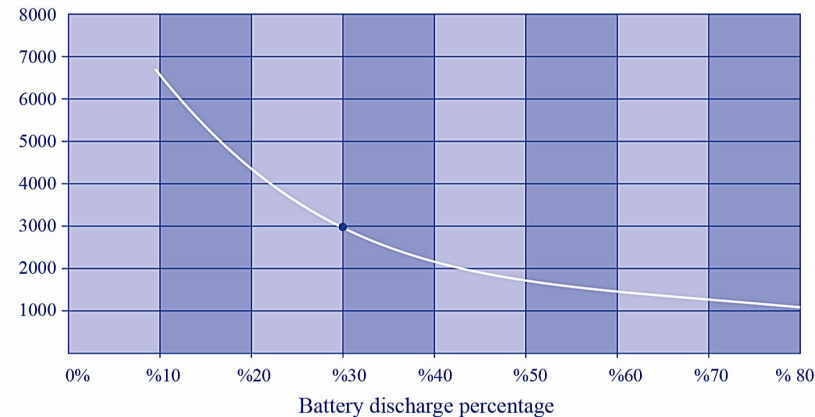
Battery discharge status based on voltage level	
Battery percentage	Voltage
100%	13.00
90%	12.75
80%	12.50
70%	12.30
60%	12.15
50%	12.05
40%	11.95
30%	11.81
20%	11.66
10%	11.51
0%	10.50

Battery discharge status based on voltage level

Key Fobs

Key Fobs are convenient devices that allow users to quickly arm and disarm their security systems with the simple push of a button.
Our devices include a button for arming away, arming stay, disarming and a panic trigger, they are produced on 315MHz and 433MHz frequencies and in two types of code learning and hopping.

Anik Long Range Key Fob

This is a four-button Key Fob compatible with all Anik security systems.
This is a learning code key fob with long range support.

- 4 Buttons
- With 2 frequencies; 315 and 433 MHz
- Key Fob type: with antenna
- Internal battery 27A

Hopping Key Fob

Hopping Key Fobs are more secure than learning code Key Fobs, as the codes sent to the alarm are not fixed and are constantly changing.

- 4 Buttons
- Key Fob type: with antenna
- Internal battery 27A

Siren

Sirens are an essential component for an alarm system as they not only alert your community to the fact that someone is trying to break into your place, but they also tend to scare away would-be burglars with ear-piercing noise.
Anik Electronics provides both outdoor and indoor sirens:

Anik Indoor Piezo

The Anik indoor piezo is a single tone piezo that has a steady tone. It uses two wires for operation.

- Operating voltage: 3 - 20 VDC
- Sound output: 80 dB
- Working frequency: 200±3500Hz
- Current draw: 20-200 mA
- Dimensions & Weight: 5.3cm x 5.5cm, 54gr

Anik Horn-Style Speaker

Anik Horn-Style Speaker is a 25-watt siren that can be used outdoors. It has a high-impact ABS plastic housing and can withstand outdoor conditions.
It can be added to any system that accepts hardwired speakers/sirens.

- Impedance: 8 Ohms
- Rating: 25 Watts

Alarm Modules and Accessories

There are many modules and supplies that you may need for your new alarm system or that you may want to add to your old system to have a better use of it. This is where you will find an assortment of alarm supplies and accessories for all Anik Alarms.

For instance, installing an alarm in a vacation residence may have challenges such as the alarm having a distance from the key fob range, low siren volume, distance between sensors and checking the cooling and heating systems remotely. All these problems can be solved, using a proper accessory module.

For this purpose, Anik electronics produces 10 products:

- A/D to A/B Converter

- Voltage Reducing Converter

- Voltage Multiplier

- Trigger Module

- Hopping Receiver Module

- External Remote Receiver

- Two Output Siren Module

- Four Relays and Single Relay Interface

- Addressable Output

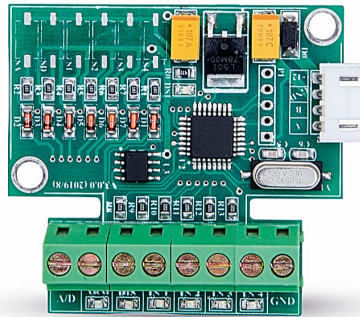- 4 Channel Transmitter and Receiver

A/D to A/B Converter

Converting the negative input to a serial input to control the alarm, which makes the alarm armed or disarmed by applying negative voltage to the alarm converter.

Application: connecting to the key and smart system
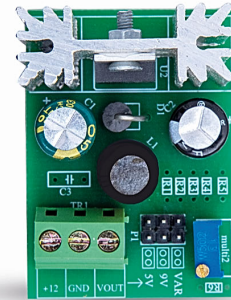
Voltage Reducer

It reduces the output voltage and you can connect 0-30V inputs to this module and you can adjust the output voltage on 5 and 9V and you can adjust it to be variable between 2-16 V.
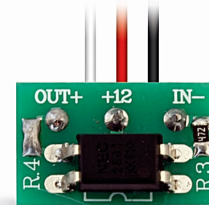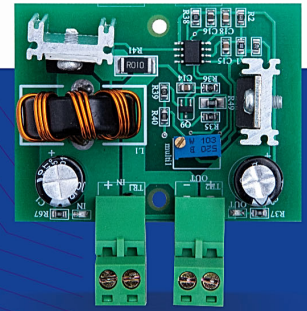
Application: Connecting the dialer to the fire alarm, connecting the router and switch to the power supplies

Voltage Multiplier

It is used to increase or stabilize the supply voltage and can increase the input voltage of 9V to 15V with a current of 3A

Application: Connecting the solar panel to the alarm and ease of the sensor and camera wiring runs

Trigger Module

It is used to change the type of input trigger to positive or negative in Dialer devices
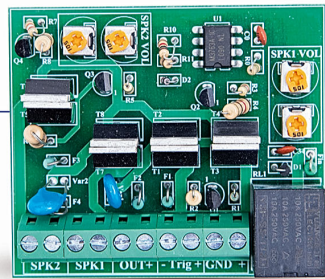
Hopping Receiver Module

The receiver converts the learning code into a hopping code so that the remote code may not be hacked.

External Remote Receiver

If the range of the remote and wireless sensors are short, you can connect this wired receiver to the device and install it in a suitable place.

Two Output Siren Module

It is used to connect horn speakers, and using this module you can connect up to 4 speakers with the volume adjustment.

Application: adding more sirens, connecting to alarms that don't have a siren circuit, manual siren

Four Relays and Single Relay Interface

If the consumption current is higher than the output current of the alarm, it is necessary to use an interface relay. The coil voltage of these relays is 12V and the output is up to 10A

Application: controlling the electrical devices such as lamps, cooling and heating systems, etc.
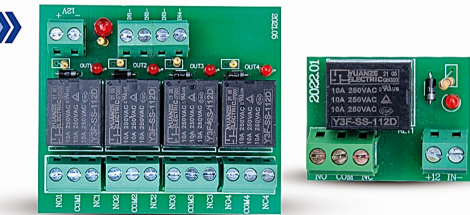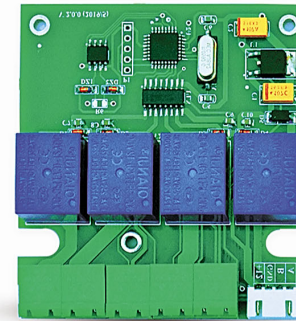
Addressable Output

This output can do time programming and turn on and off up to 4 electrical devices without using the alarm and only through keypad control.

Application: encryption of the entrance door, daily and weekly scheduling to turn on any type of device
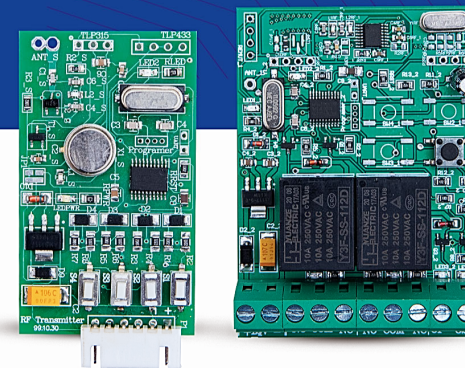
4 Channel Transmitter and Receiver

Without any need for wiring from the alarm to the devices, you can control up to 4 devices (2 relay outputs and 2 negative outputs) via the alarm and wireless

Application: control of building doors and shutters or any type of device that cannot be wired to an alarm.

User App

These apps are designed for users to control security alarms.

You can make changes in all cellular security alarm systems with SMS and command codes, but learning these commands is not an easy task for users therefore, Installing the apps on cell phones makes it possible to easily arm or disarm the alarm or add or delete users. In addition, many other alarm settings can be made through the application.

The communication between the app alarm is via GSM.

Android App

This app can be installed via Google Play for Android phones. It is available in English and Persian languages and you can make several changes to the alarm settings.

- Alarm and outputs control
- Supported by all models
- View device and connection status
- Charge your SIM card balance on the alarm device
- Adding phone numbers and naming the zones
- Enable reporting
- Fingerprint login
- Scheduling
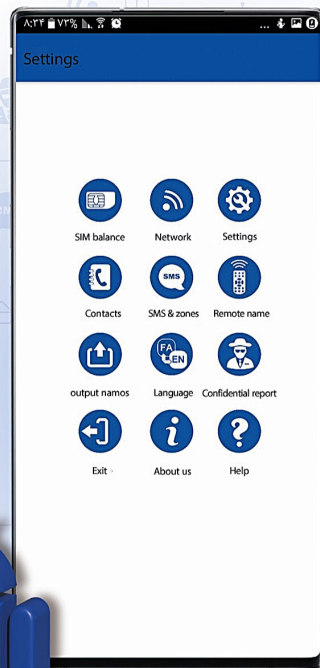
iPhone (iOS) App

This app can be installed on phones with iOS operating system, you can control and make changes using this app. It can be installed via the App Store.

- Alarm and outputs control
- Supported by all models
- View device and connection status
- Charge your SIM card balance on the alarm device
- Adding Phone number and naming the zones
- Enable reporting
- Fingerprint login
- Scheduling