



**MAS  
PRESENTS  
the new  
generation of  
intercom  
systems**

[www.masintercom.com](http://www.masintercom.com)



## **MAS'** **motto**

Dear MAS Customer,

Mas Intercom Ltd. has been established in 1973 in Istanbul / Turkey within the scope of manufacturing audio and video equipment. Research and Development activities have brought the product range from audio kits to most sophisticated and up-to-date video systems in conformity with latest Technologies.

The aim of Mas Intercom within next 5 years is to be the most preferred brand in world countries. Mas has introduced numerous features which ensured a distinguished place among its competitors and facilitated the life of end-users and installers.

Products of Mas Intercom are the result of a long research, experience, know-how, imagination and effort. Perfection in design, conception and functionality are the main guides of Mas products.

**MAS**  
ELEKTRİK & ELEKTRONİK  
KONUSUNDA LİDER

# CONTENT

## SYSTEMS



	4-12
EFES SYSTEM	5-6
FIRST SYSTEM	7
ALARM INTEGRATED SYSTEMS	09-10
2 WIRE SYSTEMS	11
4 WIRE SYSTEMS	12

## VIDEO INDOOR UNITS



	13-27
SAFIR VIDEO UNIT	15-16
SMART VIDEO UNIT	17
INCI VIDEO UNIT	18
SKY VIDEO UNIT	19
ELITE VIDEO UNIT	20
DIAMOND VIDEO UNIT	21-22
SILVER VIDEO UNIT	23
GOLD VIDEO UNIT	24
MAJESTIK VIDEO UNIT	25
ROYAL VIDEO UNIT	26
TRUVA & CUBE VIDEO UNIT	27

## AUDIO INDOOR UNITS



	29-36
MOON AUDIO UNIT	31-32
SUN AUDIO UNIT	33
GRAND AUDIO UNIT	34
COMPACT AUDIO UNIT	35
BERGAMA AUDIO UNIT	36

## OUTDOOR PANELS



	37-44
VENUS OUTDOOR PANEL	39
GALAXY OUTDOOR PANEL	40
ROCK OUTDOOR PANEL	41
STAR OUTDOOR PANEL	42
ROYAL DIGITAL OUTDOOR PANEL	43
	44

## VARIOUS



	49-68
ACCESSORIES	49-62
COLORS	63-64
VERSIONS	65-68



# MAS systems

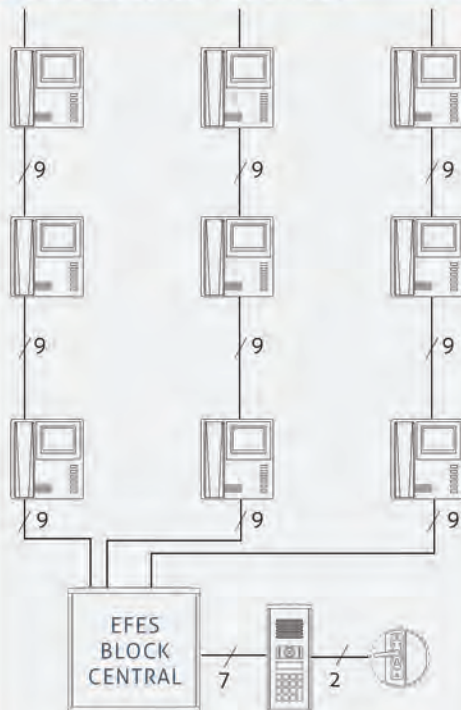


SOYAK MAVI TOWN

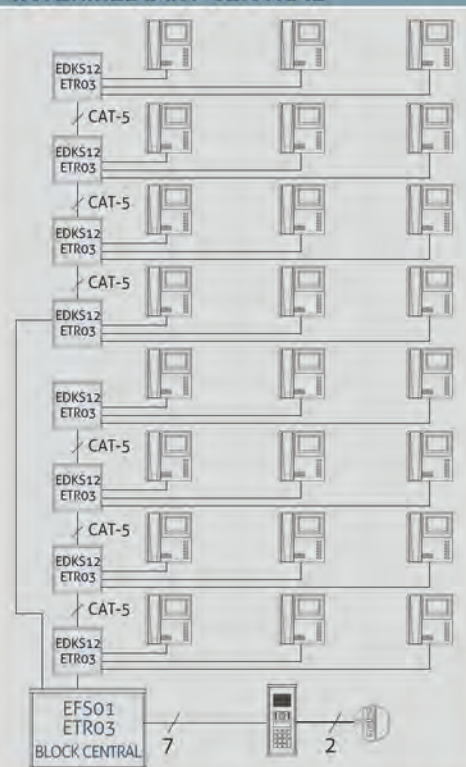
## TECHNICAL FEATURES

- Three doorbell melodies : distinguish where the visitor is (building, apartment, Security Guard) thanks to 3 doorbell melodies.
- Anti-block system : If for any reason the handset remains off hook, the system resumes back and does not keep busy.
- Double channel : In the same building, while one apartment is in conversation with outdoor panel, another apartment can talk to Door-keeper and Security Guard.
- Magnetic hook.
- Indoor units are fixed on rails. They can be mounted and dismantled without screws.
- By means of A and B buttons on indoor unit, 2 targets can be called by a single push.
- Apartment owners can communicate with Security Guard and get image from his office.
- Communication between apartments in the same block can be done without central.
- Alarm and detectors can optionally be connected.
- High quality video distribution without coaxial cable (symmetrical).
- Possibility to get image from extra cameras besides the one at block entrance and Security Guard Office.
- Busy state tracking system: Unreplied calls to Door-keeper and Security Guard can be traced.
- Color units have a digital screen TFT LCD 960 x 234 pixels.
- Outdoor panels have a movable camera with night vision and adjustable angle.
- Possibility to open the door through PIN code at outdoor panel.
- Possibility to record a video or still images in color indoor units whenever a visitor pushes the doorbell button (optional). 128 pictures or 66 videos of 20 seconds each are recorded in the memory. Desired records can be transferred to SD card.
- Digital panel with 2 lines, 32 characters, LCD screen, backlit universal keyboard.
- Digital panel without need to install doorbell wires.
- By means of easy to use program menu, apartment number, owner names, etc... can be entered through the digital panel.
- Owner names are displayed on panel screen together with apartment numbers.
- If the visitor does not know the apartment number, he/she can find it by the help of up and down arrows on the screen.
- Screened MAS FGT9 cable with 9 wires, without coaxial, is used for wiring of EFES system. FGT9 + N doorbell wires are needed in analog EFES systems. No doorbell wires are needed in digital EFES systems.
- Possibility to install up to 16 indoor units without central.
- Possibility to install multiple Security Guards in the system.
- Audio and video, color and black & white indoor units can be used in the same system.
- With extra elevator package, elevators can communicate with Security Guard.

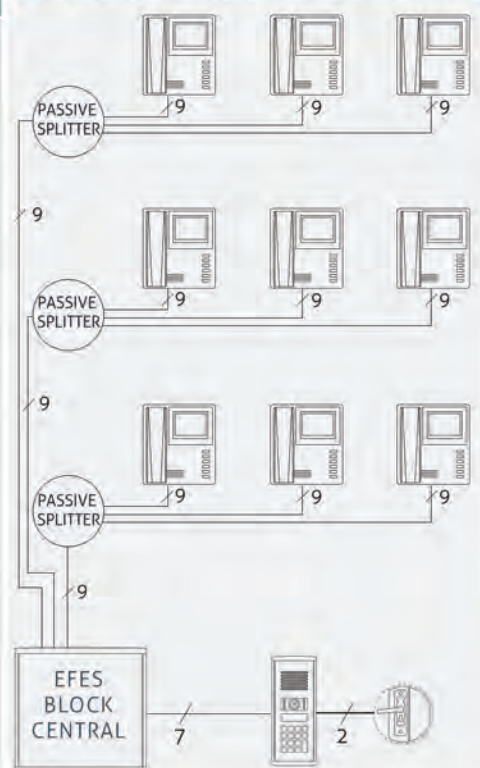
### EFES BUS SYSTEM EXAMPLE



### EFES SYSTEM WITH RJ45 INTERMEDIARY CENTRAL



### EFES SYSTEM WITH JUNCTION BOXES



## EXAMPLE of Efes System Application



### Efes System Features

- View the Visitor at Building Main Entrance.
- Obtain Camera View from Security Cameras.
- In Emergency, Provided Communication Between Elevator and Security.
- Communicate with the Security.
- Release the Main Entrance Door by Entering PIN Number on Digital Panel.
- Intercommunication Among Apartment Units.
- Three melodies to distinguish where the visitor is (Building Entrance Door, Flat Door, Security Station)
- Intercommunication among flats over Security Station.
- In the Same Building while an Apartment Unit is in Communication with Outside Panel, Another Unit can Talk with the Security.
- When Security Unit is Busy or not Answering, Calls are Registered.

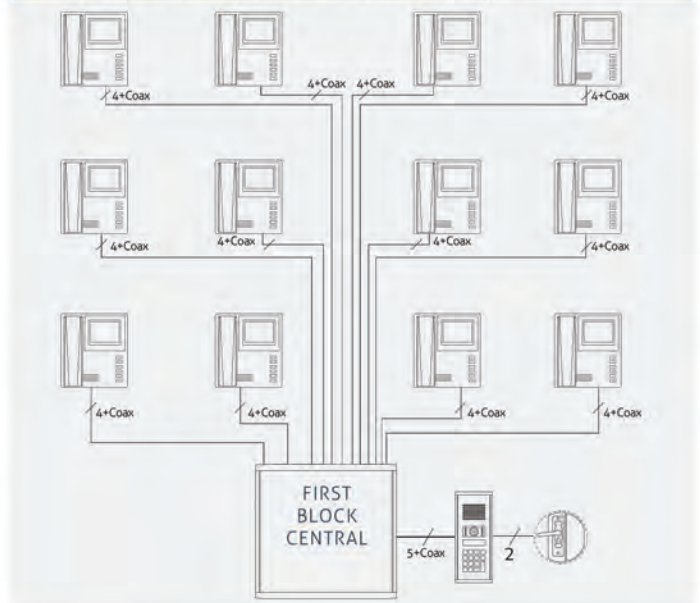


PBX based system for multi-apartment buildings and housing complexes

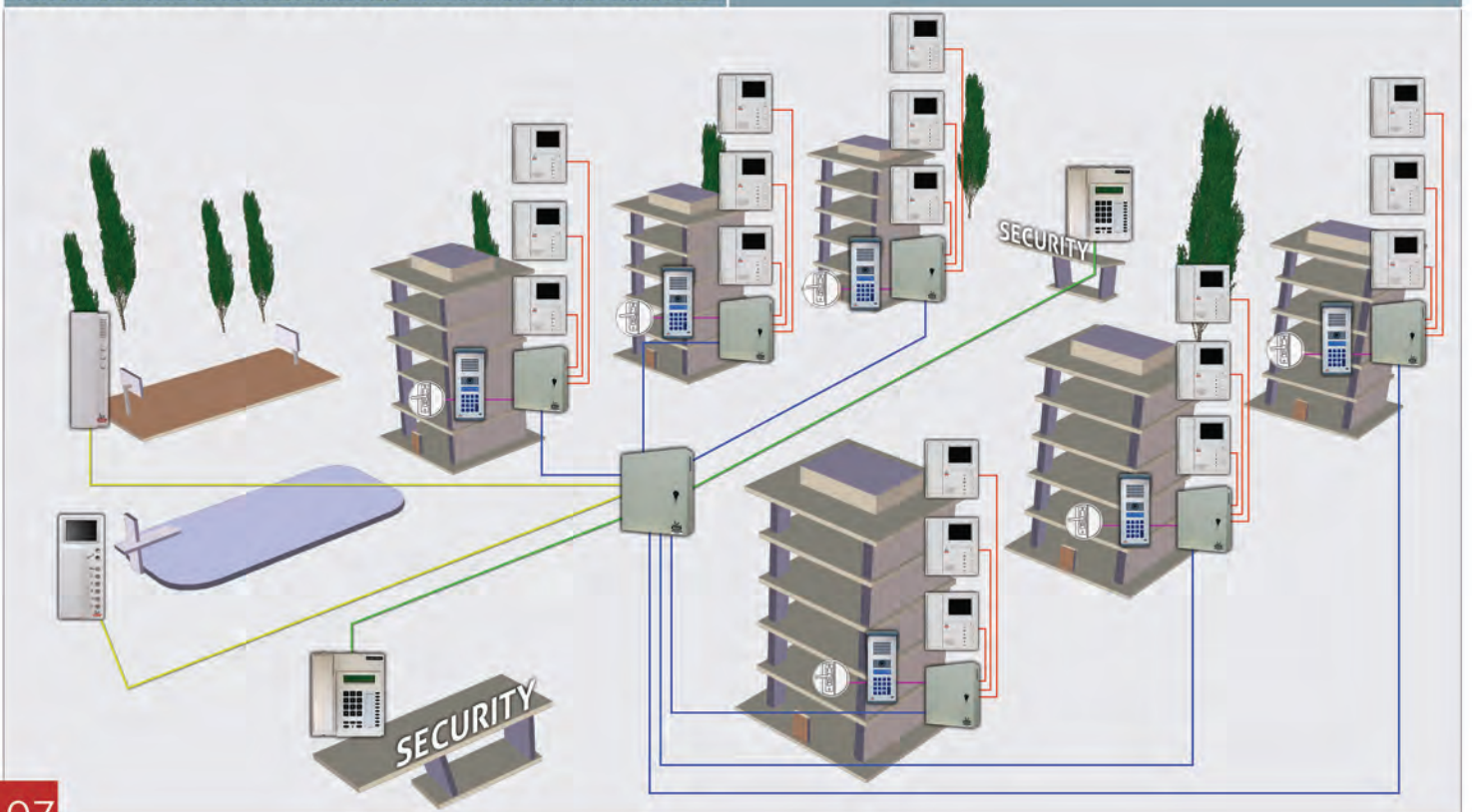
TECHNICAL FEATURES

- Indoor units are fixed on rails. They can be mounted and dismantled without screws.
- Electronic confidentiality (secrecy) in communication..
- Apartments can call other apartments in different blocks.
- Video secrecy.
- Door-release can be activated by one button without need to lift the handset.
- Color units have a digital screen TFT LCD 960 x 234 pixels
- Digital panel with 2 lines, 32 characters, LCD screen, backlit universal keyboard.
- By means of easy to use program menu, apartment number, owner names, etc... can be entered through the digital panel.
- Owner names are displayed on panel screen together with apartment numbers.
- If the visitor does not know the apartment number, he/she can find it by the help of up and down arrows on the screen.
- In FIRST system, one pair of telephone cable has to be directly wired from system central to each and every apartment.
- Possibility to install multiple Security Guards in the system.
- Audio and video, color and black & white indoor units can be used in the same system.
- With extra elevator package, elevators can communicate with Security Guard.
- By adding a module to elevator communication panel, the Security Guard can be called by a single press on existing button on elevator panel.

FIRST BUS CONNECTION EXAMPLE



FIRST CONNECTION EXAMPLE WITH JUNCTION BOXES





**SATILIK**  
SIF. DUYURU  
0216 348 42 41

TATARAĞASI DWELLINGS





MESE PARK

# alarm integrated intercom systems

Solutions For Your Security

## TECHNICAL FEATURES

Mas Intercom is able to control following detectors by means of an interface card connected to its indoor units and alarm signals are transmitted to "Security Center" of housing complex whenever one or more incidents occur:

1. Fire/Smoke
2. Motion (PIR)
3. Heat
4. Water inundation
5. Gas leakage (natural gas, LPG, carbon monoxide)
6. Earthquake

By means of MAS alarm control software, set up in Security Center Computer, the alarm signal arriving to "alarm control center" warns the responsible by an audio and video message (an alarm message at computer screen and a siren from a loud-speaker).

In this system, all incoming data is processed and the number of the block, number of apartment, the hour and date, the type of alarm (Intruder, fire/smoke, water inundation, gas leakage, etc...) are displayed and Security people can immediately intervene. In the same time, all alarm incidents and details are automatically recorded by "central alarm software" and reports can be established.

Security People of the housing complex can call the related apartment to check the veracity and the nature of the problem and can contact, if necessary, the Police, Ambulance or Fire Fighting Brigade.

Optionally, Security People can be authorized to turn ON or OFF the alarm through the computer at security center. If an alarm is activated while the tenant is not at home and turned OFF through the computer at security center, the software records it automatically. As soon as the tenant is back home, he/she can understand that an incident has occurred by means of an audio signal or a blinking LED on the indoor unit.

In addition, a siren or flashers placed at a desired location (ground floor, entrance of a block or apartment, floors) are activated and the origin of the alarm is easily identified. Optionally, according to the nature of the alarm, water valves at block entrances, water-heater, electrical circuit breakers, natural gas valves can be turned ON and OFF.

As a whole, the system appears to have a structure such as sensing, displaying, recording all motions and incidents at a well defined area, controlling and transmitting to Security Center water, gas, electricity, heating and household appliances according to a pre-established scenario.

## MAS SECURITY PACKAGE WITH 6 ZONES

### INTRUSION

In case of an intrusion into your apartment, internal and external sirens start to toot. With 100 dB sound, they warn the surroundings and constitute a dissuasive instrument. After receiving the alarm signals, Security Center calls the tenant and the police, enables immediate intervention to the intrusion.

### FIRE

With a fire/smoke detector that you would include into your system, you can enable the Alarm Center to be aware of the fire in your apartment and call you and Fire Fighter Brigade. Optionally, various security scenarios can be created so as to extinguish the fire and avoid injuries or life losses.

As an example scenario, the water valves in the block where the fire has occurred may stay open and all other valves turned OFF, then the water pump in the central water tank may be activated and extinguish within a short time the fire with high pressure water in related building.

### GAS LEAKAGE

You can prevent carbon monoxide, natural gas and LPG leakages by means of gas detectors that you would include into your security package. In case of an outgoing gas leakage signal from your apartment, the Alarm Center can call you and related units and enables rapid intervention.

### WATER INUNDATION

In case of a water inundation while you are or not at home, even if your alarm system is not set up, a signal coming from your "intercom system with alarm package", the Alarm Center can call you and related units and enables rapid intervention to your apartment. Additionally, with further security scenarios, water valves can automatically be turned OFF and avoids the damages before they reach a high degree.

### EARTHQUAKE

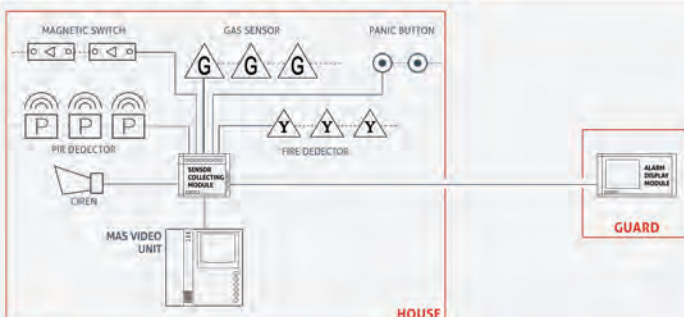
By means of an earthquake sensor to be placed inside the building, in case of an earthquake in the region, even if your alarm system is not set up, pre-established earthquake protection scenarios are automatically activated.

For example, in case of an earthquake at day/night time, security precautions such as cutting the electric network, opening the water valves, turning OFF the natural gas valves tooting the warning sirens can be set up.

### EMERGENCY

Whenever an emergency is faced, a cord placed in the bathroom, toilet and patient rooms can be pulled and send a signal to Security Alarm Center through a button connected to the cord. The Alarm Center can then call the ambulance and enables immediate intervention.

## ALARM SYSTEM CONNECTION



# ALARM system application



## WIRING THE DEDECTORS

THERE ARE TOTALLY 6 ZONES. WATER, SMOKE, GAS DETECTORS AND PANIC BUTTON ARE CONNECTED TO 24- HOUR ACTIVE ZONES. PIR DE-TECTOR AND MAGNETIC CONTACT ARE CONNECTED TO OTHER 2 ZONES. IF THE SAME DETECTOR IS NEEDED TO BE INSTALLED IN MORE THEN 2 POINTS IN ONE PLACE, DETECTORS HAVE TO BE CONNECTED IN PARALLEL OR IN LOOPS WHICH ENABLE UNINTERRUPTED FUNC-TION. DETECTOR NUMBER IS LIMITLESS. ONE POWER SUPPLY RBT12 CAN POWER UP TO 50 DETECTORS. FOR SYSTEMS HAVING MORE THEN 50 DETECTORS, ADDITIONAL POWER SUPPLIES ARE NEEDED IN FUNC-TION OF DETECTOR NUMBER.





**2k  
villa kit**

VILLA ROSEMARY

**2-wire Intercom systems for villas**

### TECHNICAL FEATURES

- Open door without lifting the handset.
- Get image without lifting the handset.
- Magnetic hook.
- Double doorbell melodies.
- Wiring with 2 cables, including the doorbell (50 m without coaxial cable).
- Can immediately be applied to existing doorbell cable-ducts, no additional cable is needed.
- Optional image and video recording possibility in color units.

### SYSTEM COMPONENTS





# 4k villa kit



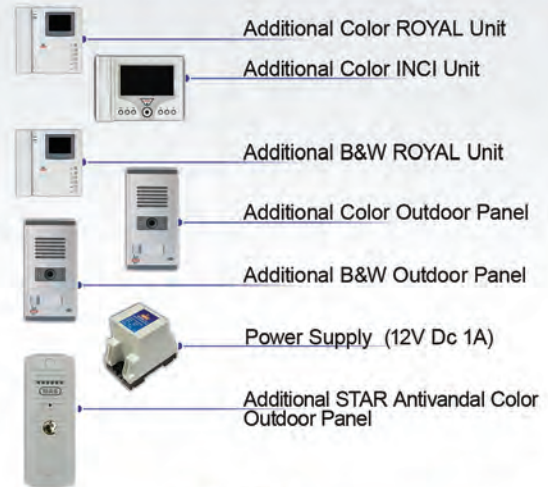
ADORE HOME SIDE

4-wire Intercom systems for villas

## TECHNICAL FEATURES

- Open door without lifting the handset.
- Get image without lifting the handset.
- Magnetic hook.
- Double doorbell melodies.
- Wiring with 4 cables, (50m without coaxial cable).
- Optional image and video recording possibility in color units.

## SYSTEM COMPONENTS



### 4 Wire

Villa set connection diagram







# INDOOR VIDEO units

ÖZYURLAR NTOWERS



INNOVIA 1



### TECHNICAL FEATURES

#### MONITOR FEATURES

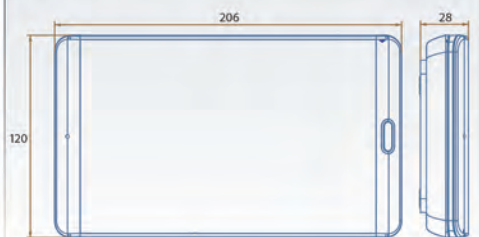
- Screen: 7" TFT LCD Monitor
- Screen Resolution: 960x234 pixels.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.
- Full Touch Screen.

#### SYSTEM FEATURES

- Privacy in Video and Audio.



### DIMENSIONS



### BUTTON FUNCTIONS





**MAS**  
**safir**



**A**  
**touch**  
**of**  
**MERIT**



Touch buttons color indoor video unit with handset



SPACE CENTER



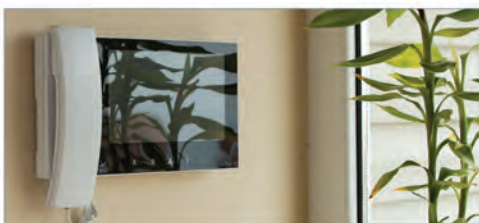
### TECHNICAL FEATURES

#### MONITOR FEATURES

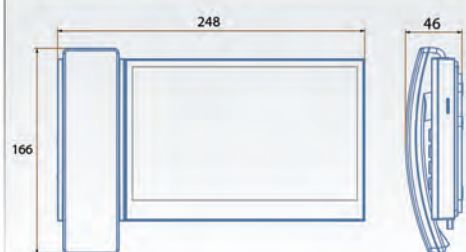
- Screen: 7" TFT Monitor
- Screen Resolution: 960x234 pixels.
- Magnetic Switch to close the handset without (instead of) mechanical switch.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.
- Touch buttons.

#### SYSTEM FEATURES

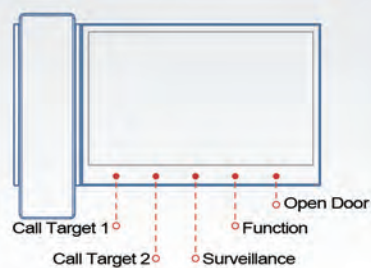
- Anti Blocking System: When the handset is off hook, the system resumes back and does not keep busy.
- Privacy in Video and Audio.



### DIMENSIONS



### BUTTON FUNCTIONS





**TECHNICAL FEATURES**

**MONITOR FEATURES**

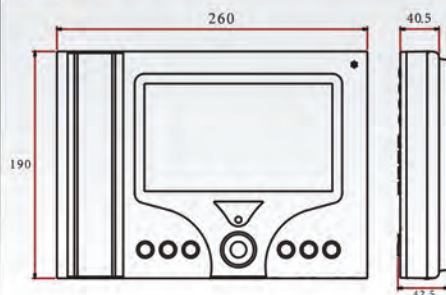
- Screen: 7.0" TFT LCD Monitor
- Screen Resolution: 800x600 pixels.
- Magnetic Switch to close the handset without (instead of) mechanical switch.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.

**SYSTEM FEATURES**

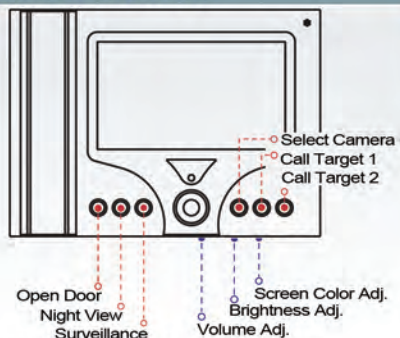
- Anti Blocking System: When the handset is off hook, the system resumes back and does not keep busy.
- Privacy in Video and Audio.



**DIMENSIONS**



**BUTTON FUNCTIONS**





NTOWERS



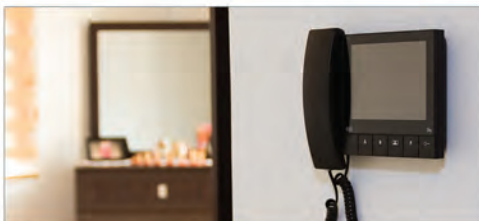
### TECHNICAL FEATURES

#### MONITOR FEATURES

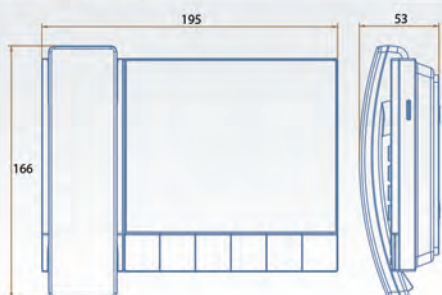
- Screen: 3,5 - 4,3 - 5.6" TFT LCD Monitor.
- Screen Resolution: 960x234 pixels.
- Magnetic Switch to close the handset without (instead of) mechanical switch.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.

#### SYSTEM FEATURES

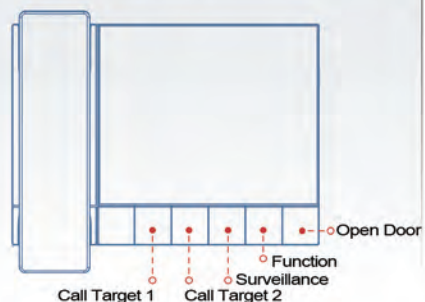
- Anti Blocking System: When the handset is off hook, the system resumes back and does not keep busy.
- Privacy in Video and Audio.



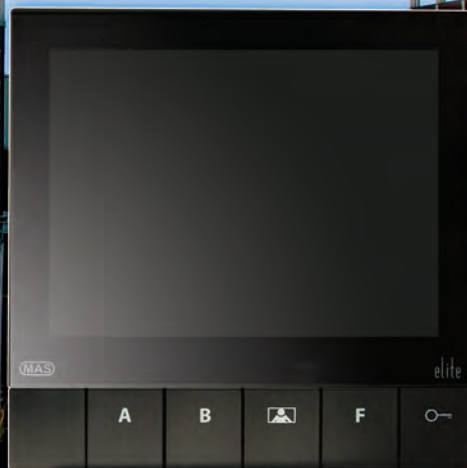
### DIMENSIONS



### BUTTON FUNCTIONS



# Handsfree color indoor video unit



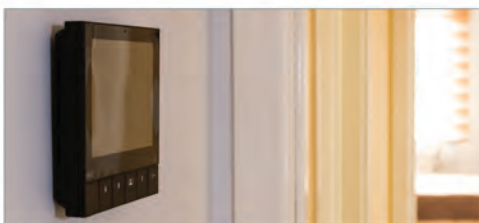
## TECHNICAL FEATURES

### MONITOR FEATURES

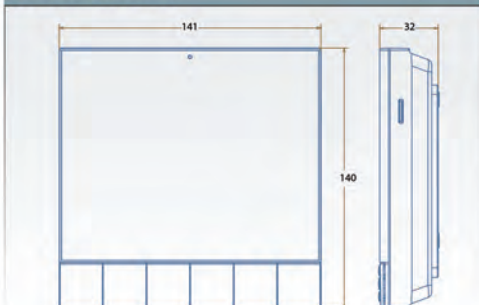
- Screen: 3,5 - 4,3 - 5.6" TFT LCD Monitor.
- Screen Resolution: 960x234 pixels.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.

### SYSTEM FEATURES

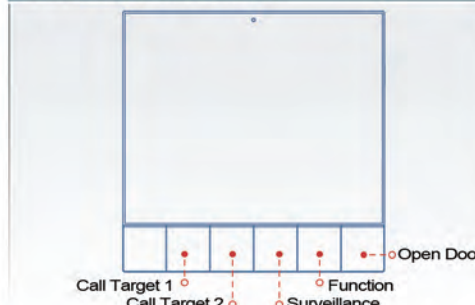
- Privacy in Video and Audio.



## DIMENSIONS



## BUTTON FUNCTIONS





BIZIM EVLER



### TECHNICAL FEATURES

#### MONITOR FEATURES

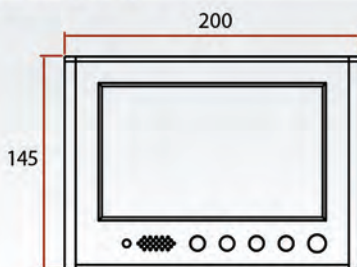
- Screen: 7.0" TFT LCD Monitor
- Screen Resolution: 800x600 pixels.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.

#### SYSTEM FEATURES

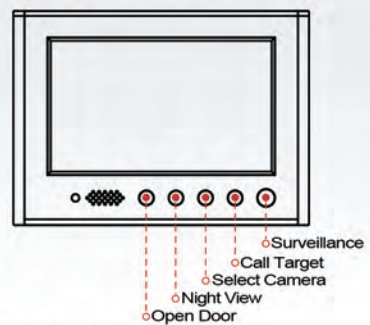
- Privacy in Video and Audio.



### DIMENSIONS



### BUTTON FUNCTIONS





# DIAMOND full touch screen





FİLDİŞİ  
KONAKLARI

FİLDİŞİ HOUSINGS



### TECHNICAL FEATURES

#### MONITOR FEATURES

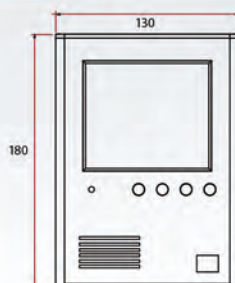
- Screen: 3.5" TFT Monitor
- Screen Resolution: 960x234 pixels.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.

#### SYSTEM FEATURES

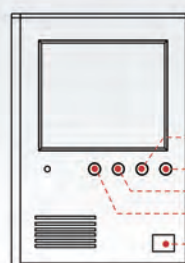
- Privacy in Video and Audio.



### DIMENSIONS



### BUTTON FUNCTIONS



- Select Camera
- Open Door
- Night View
- Call Target
- Surveillance



DEMIRLI PARK



### TECHNICAL FEATURES

#### MONITOR FEATURES

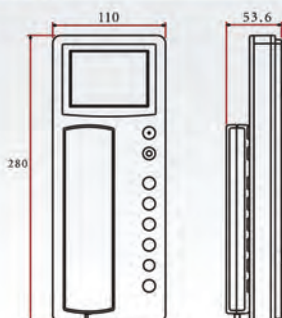
- Screen: 3.5" TFT LCD Monitor
- Screen Resolution: 960x234 pixels.
- Magnetic Switch to close the handset without (instead of) mechanical switch.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.

#### SYSTEM FEATURES

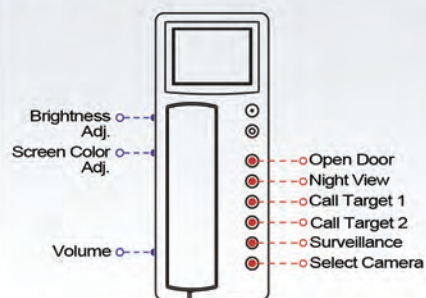
- Anti Blocking System: When the handset is off hook, the system resumes back and does not keep busy.
- Privacy in Video and Audio.



### DIMENSIONS



### BUTTON FUNCTIONS







SARISSA  
RESIDENCE



## TECHNICAL FEATURES

### MONITOR FEATURES

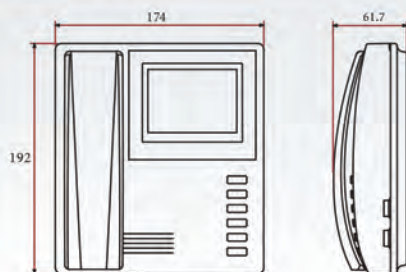
- Screen: 3.5" - 4.3" TFT LCD Monitor .
- Screen Resolution: 960x234 pixels.
- Magnetic Switch to close the handset without (instead of) mechanical switch.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.

### SYSTEM FEATURES

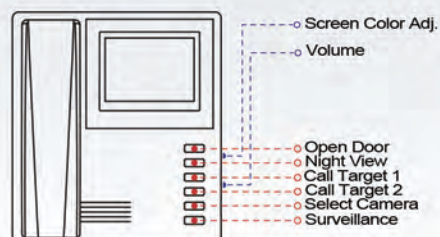
- Anti Blocking System: When the handset is off hook, the system resumes back and does not keep busy.
- Privacy in Video and Audio.



## DIMENSIONS



## BUTTON FUNCTIONS





INNOVIA 1



### TECHNICAL FEATURES

#### MONITOR FEATURES

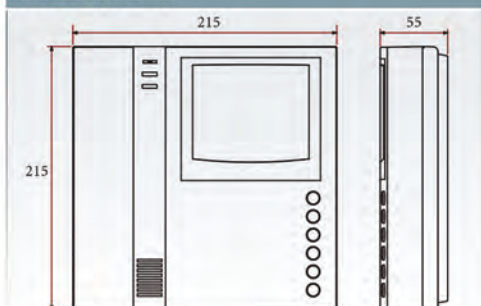
- Screen: 3.5" - 4.3" TFT LCD Monitor
- Screen Resolution: 960x234 pixels.
- Magnetic Switch to close the handset without (instead of) mechanical switch.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.

#### SYSTEM FEATURES

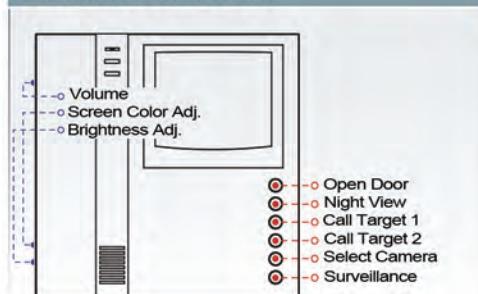
- Anti Blocking System: When the handset is off hook, the system resumes back and does not keep busy.
- Privacy in Video and Audio.



### DIMENSIONS



### BUTTON FUNCTIONS



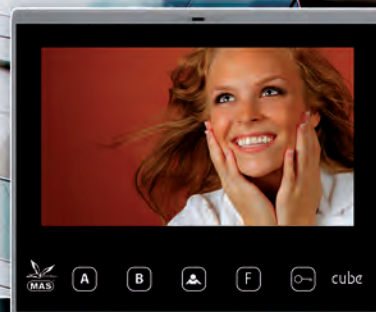


# truva

## Color indoor video-unit with handset

# cube

## Handsfree color indoor video unit



AK RESIDENCE



### TECHNICAL FEATURES

#### MONITOR FEATURES

- Screen: 3.5" - 4.3" TFT LCD Monitor.
- Screen Resolution: 960x234 pixels.
- Magnetic Switch to close the handset without (instead of) mechanical switch.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.

#### SYSTEM FEATURES

- Anti Blocking System: When the handset is off hook, the system resumes back and does not keep busy.
- Privacy in Video and Audio.



### TECHNICAL FEATURES

#### MONITOR FEATURES

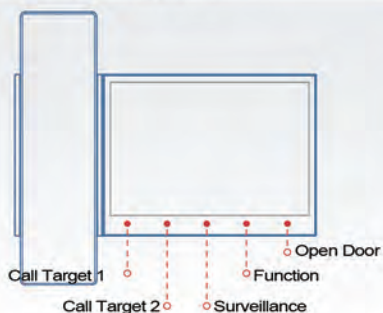
- Screen: 3.5" - 4.3" TFT LCD Monitor.
- Screen Resolution: 960x234 pixels.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.

#### SYSTEM FEATURES

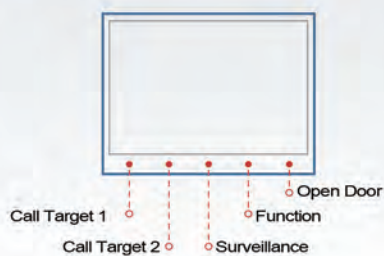
- Privacy in Video and Audio.



### BUTTON FUNCTIONS



### BUTTON FUNCTIONS



# Smart Home Automation



Full Touch Screen Wall Switch with Room Thermostat



Safir Full Touch Screen Smart Indoor Unit



Full Touch Screen Wall Switch



Smart Touch Buttons Smart Indoor Unit



Full Touch Screen Wall Switch with Room Thermostat



Diamond Full Touch Screen Smart Indoor Unit



Full Touch Screen Wall Switch



Full Touch Screen Wall Switch

inci Smart Indoor Unit



Wall Plug



Lighting



Blinds



Leave Home Mode



Enter Home Mode



Sconce



Air Conditioning



Boiler

Just with a Push of a button it's Very Easy and practical setting On/Off all connected electrical devices such as: Sconce, Air Conditioning, Boiler, Wall Plugs, Lighting & Blinds...





# AUDIO units

MERIT LIFE PARK



PANORAMA TOWERS



### TECHNICAL FEATURES

#### MONITOR FEATURES

- Doorbell volume can be adjusted independently in each unit.
- Anti Blocking System: When the phone is not turned off, the system resumes back and does not keep busy.
- Magnetic Switch to close the handset without (instead of) mechanical switch.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.

#### SYSTEM FEATURES

- Anti Blocking System: When the handset is off hook, the system resumes back and does not keep busy.
- Privacy in Audio.



### DIMENSIONS



### BUTTON FUNCTIONS



- Open Door
- Night View
- Call the Guard



# MAS moon



**a new  
style  
for life**







### TECHNICAL FEATURES

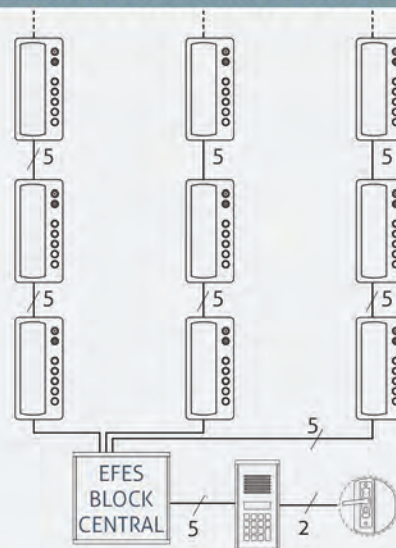
#### MONITOR FEATURES

- Doorbell volume can be adjusted independently in each unit.
- Anti Blocking System: When the phone is not turned off, the system resumes back and does not keep busy.
- Magnetic Switch to close the handset without (instead of) mechanical switch.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.

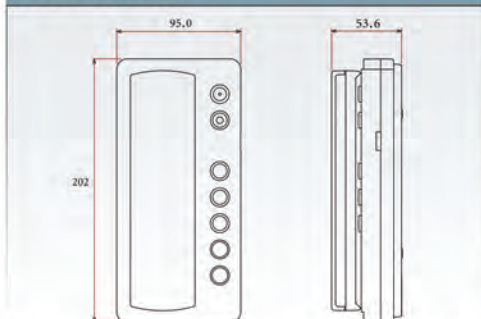
#### SYSTEM FEATURES

- Anti Blocking System: When the handset is off hook, the system resumes back and does not keep busy.
- Privacy in Audio.

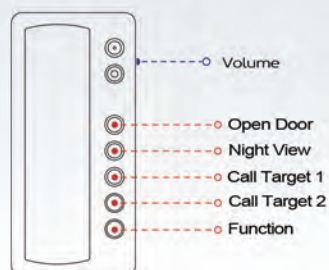
### EFES BUS CONNECTION SYSTEM



### DIMENSIONS



### BUTTON FUNCTIONS





INCI HOUSINGS



### TECHNICAL FEATURES

#### MONITOR FEATURES

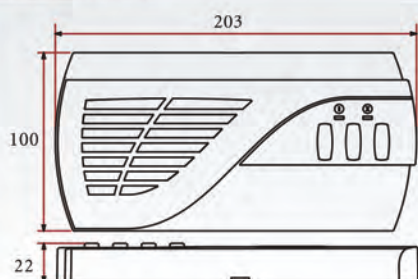
- Doorbell volume can be adjusted independently in each unit.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.
- Separate door bell melodies for the flat door and the apartment door.

#### SYSTEM FEATURES

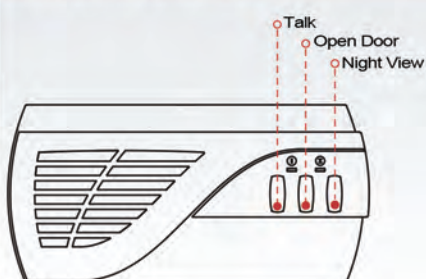
- Privacy in Audio.



### DIMENSIONS



### BUTTON FUNCTIONS





YÜKSEL CITY



### TECHNICAL FEATURES

#### MONITOR FEATURES

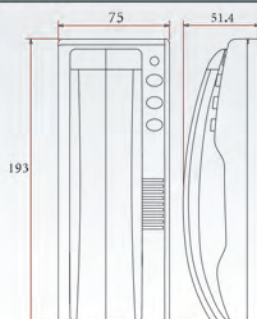
- Doorbell volume can be adjusted independently in each unit.
- Anti Blocking System: When the phone is not turned off, the system resumes back and does not keep busy.
- Magnetic Switch to close the handset without (instead of) mechanical switch.
- Easy installation with removable screw terminal connectors and easy mounting with rail systems.

#### SYSTEM FEATURES

- Anti Blocking System: When the handset is off hook, the system resumes back and does not keep busy.
- Privacy in Audio.



### DIMENSIONS



### BUTTON FUNCTIONS



- Open Door
- Night View
- Call the Guard

# BERGAMA compact kit



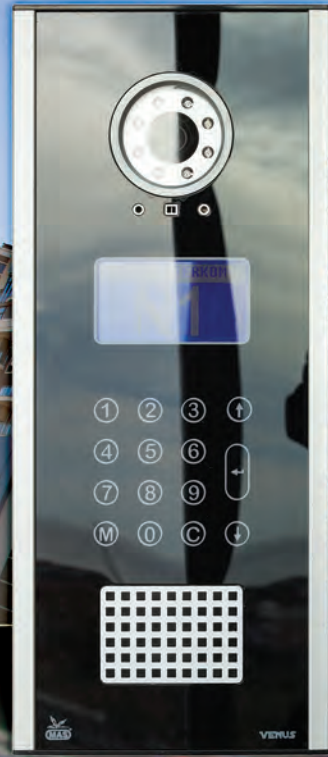
## TECHNICAL FEATURES

- The contact under the handset is not mechanic but magnetic. This decreases frequent breakdowns of the device.
- Anti-block system: if for any reason the handset remains off hook, the device resets itself and avoids the system to stay in "occupied" state.
- Easy mount and connection: Once the back plate is fixed to the wall, the handset can be tested and replaced without any need to dismount the cables.
- Two doorbell melodies to distinguish where the visitor is (at building or apartment door).
- The melody "ding-dong" is generated by an electronic circuit whilst in most part of handsets in the market, this ring comes from a buzzer (vibrating relay).
- Private communication: if a handset is in communication with the outdoor panel, no other handset can enter into communication.
- The cable of the handset has a removable connector and this gives the possibility to change the cable in case of a breakdown without opening the device.
- The outdoor panel is not made of metal-coated plastic but fully in aluminum. Same for buttons.
- After dark, a white LED lights the names on the buttons of the outdoor panel.
- For outdoor panels having more then one button, a red LED is lighting a button whenever it is pressed.





# OUTDOOR panels



◀ TOUCH BUTTONS

CLASSIC BUTTONS ▶

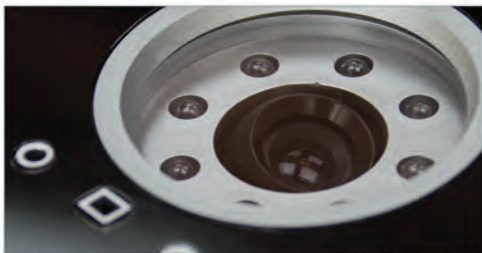


EMLAK DWELLINGS  
GEBZE

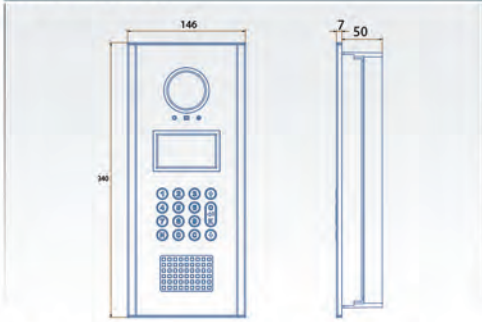


### TECHNICAL FEATURES

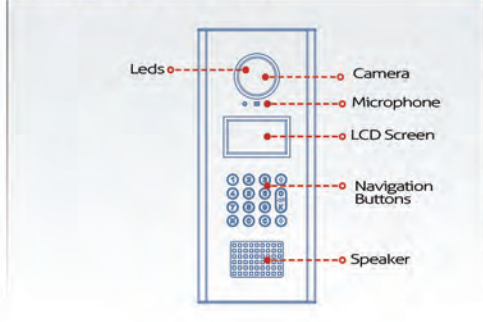
- Ability to open building door with pin code.
- Lightened keypad.
- Calling security or guard from the panel with one button.
- High resolution color camera.
- High sound quality speaker.
- Connection with connector ease of mounting.
- Enhanced night view image quality with IR LEDs.
- You can trace the name list by up and down buttons.
- Motion sensor with photocell.
- Ability to connect to 255 different flats from a panel.
- LCD screen that shows the name of dwellers and apartment number.
- You can pan and tilt to adjust the camera within 32° of angle from its central position.



### DIMENSIONS



### BUTTON FUNCTIONS





EKSIÖĞLÜ  
KORU DWELLINGS



SURFACE BOX VERSION



FLUSH BOX VERSION

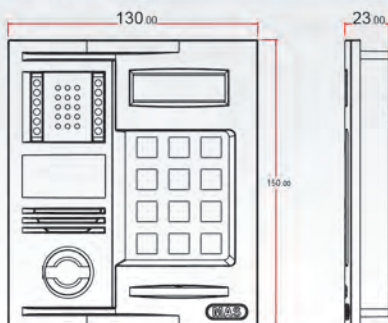


### TECHNICAL FEATURES

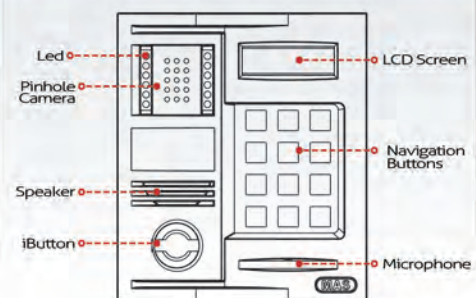
- Ability to open building door with pin code.
- Lightened keypad.
- Shock resistant stainless steel body.
- High resolution color camera.
- High sound quality speaker.
- Self-protected against uninstillation by use of hidden screws.
- Enhanced night view image quality with IR LEDs.
- Connection with connector & Ease of mounting.
- Motion sensor with photocell.
- Ability to connect to 255 different flats from a panel.
- LCD screen that shows the name of dwellers and apartment no.
- Ability to pass with iButton or RF cards.



### DIMENSIONS



### BUTTON FUNCTIONS







### TECHNICAL FEATURES

- Shock resistant stainless steel body.
- High resolution color camera.
- High sound quality speaker.
- Self-protected against uninstillation by use of hidden screws.
- Enhanced night view image quality with IR LEDs.
- Connection with connector & Ease of mounting.
- Motion sensor with photocell.
- Ability to connect to 255 different flats from a panel.
- LCD screen that shows the name of dwellers and apartment no.
- Ability to open building door with pin code.
- Lightened keypad.
- Ability to pass with ibutton or RF cards.



RMA 02

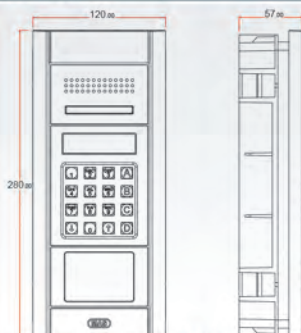
RMA 02-C06

RMA 07

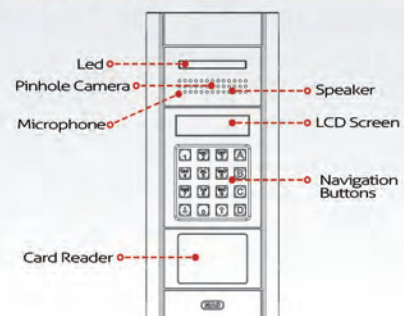
RMA 01-C18



### DIMENSIONS



### BUTTON FUNCTIONS





◀ FLUSH BOX VERSION



◀ SURFACE BOX VERSION

PANORAMA VILLA



### TECHNICAL FEATURES

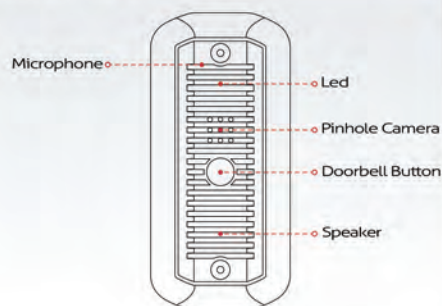
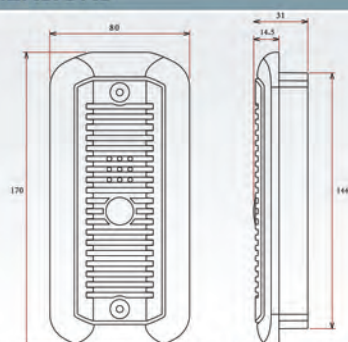
- Shock resistant stainless steel body.
- High resolution color camera.
- High sound quality speaker.
- Self-protected against uninstallation by use of hidden screws.
- Enhanced night view image quality with IR LEDs.
- Connection with connector & Ease of mounting.
- Motion sensor with photocell.



### BUTTON FUNCTIONS



### DIMENSIONS



For other system versions of this product please see page 68.



◀ WITH CAMERA



WITHOUT CAMERA ▶

TATARAĞASI  
KONUTLARI

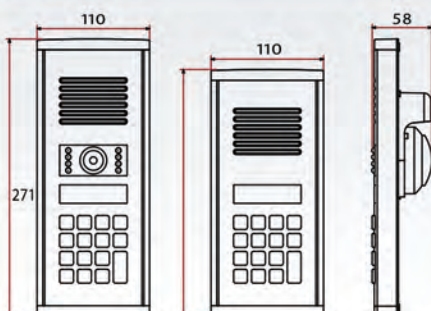


### TECHNICAL FEATURES

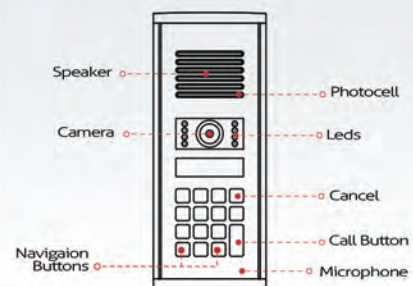
- Ability to open building door with pin code.
- Lightened keypad.
- Calling security or guard from the panel with one button.
- High resolution color camera.
- High sound quality speaker.
- Connection with connector ease of mounting.
- Enhanced night view image quality with IR LEDs.
- You can trace the name list by up and down buttons.
- Motion sensor with photocell.
- Ability to connect to 255 different flats from a panel.
- LCD screen that shows the name of dwellers and apartment number.
- You can pan and tilt to adjust the camera within 32° of angle from its central position.



### DIMENSIONS



### BUTTON FUNCTIONS





YAKAKENT  
DWELLINGS

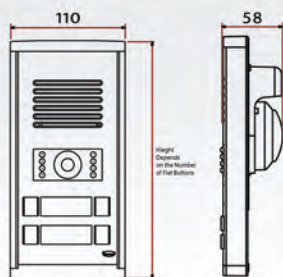


### TECHNICAL FEATURES

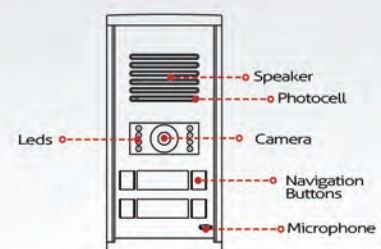
- High resolution color camera.
- High sound quality speaker.
- Enhanced night view image quality with IR LEDs.
- Connection with connector & Ease of mounting.
- Motion sensor with photocell.



### DIMENSIONS



### BUTTON FUNCTIONS





# **MAS** **card access control systems**





## Function & Common Use

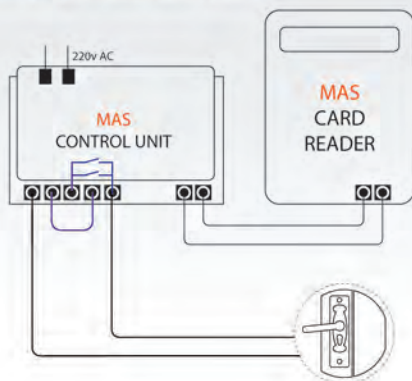
**MAS Card Access Control Systems** advisable for family security and common use RF cards used instead of a key, providing easier and securer access. A single card can be registered for multi-card readers and providing no need of carrying another card to have multi-door access.

## TECHNICAL FEATURES

- Secured Card Access System.
- All RF cards can be registered and used by Admin Card. RF card samples: credit card, token.
- RF Card Reader may register up to 2560 cards.
- RF Card registration is done by admin cards on the RF card reader.
- Lighted and beeping friendly notice system.

## System Diagram

Connection Sample of Card Access System



## TECHNICAL PARAMETERS

- **Operating Voltage:** 220V
- **Reading Range:** 0-10 cms
- **Registering Capacity:** 2560 Cards
- **Electrical Lock Driver:** 10 A – 50V / 5A - 250V
- **Voice Messages:** Different beep sounds to direct user.
- **Relay Output:** Relay Outputs.
- **Programming The Device:** Use admin card to programme and erase the device.
- **Operating Temperature:** -15/60 °
- **Installation:** Does not require installation equipments.

### Features of Devices with Screen

- **Screen:** Color LCD screen.
- **Pin Pad:** 15 pins.





# MAS accessories



## TECHNICAL FEATURES

AHM 02

### Elevator Communication Module

AHM02 is used in emergency cases of elevators to communicate with the Door-keeper or Security Guard and call for help. It is activated with a simple touch and makes a call with CALLER ID. AHM02 is mounted inside the command panel of the elevator and is powered by taken from the elevator circuit.

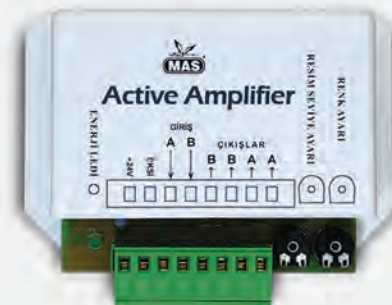


## TECHNICAL FEATURES

AKA 01

### Active Amplifier

AKA01 is used in symmetrical video systems to obtain sharp and net video images when distribution lines are divided. In other words, if one vertical line is divided into 2 horizontal lines at a junction box, an AKA01 is strictly necessary. It can be used only with ETR03.



WxHxDmm  
100x70x32

## TECHNICAL FEATURES

APAA

### Angled Panel Holder (for analog panels)

APAA is used at the entrance of buildings under the analog outdoor panels to enable these panels to be turned at an angle between 15° and 45°, to facilitate focusing of the camera to visitors and seeing them entirely.



WxHxDmm  
155xHHx120

HH: Depends on the height of the panel.

## TECHNICAL FEATURES

APAD

### Angled Panel Holder (for digital panels)

APAD is used at the entrance of buildings under the digital outdoor panels to enable these panels to be turned at an angle between 15° and 45°, to facilitate focusing of the camera to visitors and seeing them entirely.



WxHxDmm  
155xHHx120

HH: Depends on the height of the panel.

## TECHNICAL FEATURES

### AR01

### Intercom Module

AR01 is used in EFES operating system for communication between apartments. When the indoor units have a handset with keypad (indicated by ADT at the end of their reference number), they need to be connected through an intercom module. One AR01 is enough for one bloc and can be placed at any point in the installation.



## TECHNICAL FEATURES

### BST01

### Bus Telephone

BST 01 is used for audio communication in buses, caravans, VIP vehicles, yachts, villas. It may have 2 or 3 handsets. It is used with OTS01 central. It is protected against vibrations and shocks.



## TECHNICAL FEATURES

### CVA 02 - CVA 04 - CVA 08

### Composite Video Amplifier (2, 4, 8 outputs)

CVA02 - 04 - 08 are used in composite systems (coaxial cable) to improve video image quality, when lines are divided.



WxHxDmm  
170x105x75

## TECHNICAL FEATURES

### DAAx

### Touch Wall Switch A

DAAx is used in home automation systems to control 6 parameters including acclimatization.



## TECHNICAL FEATURES

DABxx

### Touch Wall Switch B

DAB is used in home automation systems to control 12 parameters including acclimatization.



## TECHNICAL FEATURES

DKM

### Digital Camera Select Module

DKM is an electronic card added in some indoor units and automatically turning the screen ON whenever the doorbell button in front of apartment door is pressed. An extra power supply is needed to feed the indoor unit.



## TECHNICAL FEATURES

EAKS 04

### EFES Active Intermediary Central

EAKS04 is used for distribution and amplification of video signals in indoor units having a handset when there are many apartments in a floor and many floors in a building without any need for active amplifier. It has 12 symmetrical video outputs, an in-built 20 V/15 W power supply with retarder and power LED. It offers the possibility to adjust video signal by means of a potentiometer.



WxHxDmm  
160x90x65

## TECHNICAL FEATURES

EBS 11

### EFES Block Central (without Security Guard)

EBS11 is used in intercom systems having a handset in buildings with more than 15 apartments without Security Guard, regardless of the Door-keeper. It is not necessary to use a separate power supply ETR03. A power supply MAS04 is supplied within the same package for door release. This central has 4 distribution output. Another central is necessary for more than 100 apartments .



WxHxDmm  
320x280x100

## TECHNICAL FEATURES

EBS 12xx

### EFES Block Central (with Security Guard)

EBS12 is used in buildings having Security Guard, regardless of the number of floors and Door-keeper. It is not necessary to use a separate power supply ETR03. A power supply MAS04 is supplied within the same package. This central has 4 distribution outputs. Another central is necessary for more than 100 apartments.



WxHxDmm  
320x280x100

## TECHNICAL FEATURES

EDKSxx

### EFES Intermediary Central (with RJ45 connectors)

EDKS is used for distribution and amplification of video signals in handsfree indoor units when there are many apartments in a floor and many floors in a building without any need for active amplifier. Available versions are EDKS10 for 10 apartments and EDKS12 for 12 apartments. These ports can be multiplied according to Project requirements. RJ45 connectors are practical with their 100 Mb bandwidth. The central has 1 data LED and 1 power LED. EDKS can be connected with CAT5 or CAT6 or similar cables. Furthermore, if the central is to be placed at the last floor, it needs a line-ending jumper.



WxHxDmm  
160x90x65

## TECHNICAL FEATURES

EFS 01

### EFES / FIRST Bloc Central (with RJ45 connectors)

EFS01 is used with RJ45 block central to convert a standard EFES system into FIRST. Distance of cables between blocks is up to 2 Km without any loss from voice quality. One EFS01 is used in one block.



WxHxDmm  
160x90x65

## TECHNICAL FEATURES

EFM 01

### EFES / FIRST Module

EFM01 is used as an intermediary module which enables the use of a Standard Handset or a Wireless Handset as a Security Guard Phone. Once EFES side connections are done, a Standard or Wireless Phone can optionally be connected to FIRST side. Caller ID display is a Standard.



WxHxDmm  
160x65x12

## TECHNICAL FEATURES

EGT

### Security Guard Phone

EGT is used in EFES operating systems to enable the Security Guard at the main entrance of the building to communicate with blocs and apartments. One telephone is enough up to 15 blocs. A second phone needs to be added after 15 blocs. All past and unreplied calls can be traced on its screen.



WxHxDmm  
190x180x50

## TECHNICAL FEATURES

ETM

### EFES Telephone Module

ETM is a module used in EFES operating system to perform some tasks such as answering an incoming call to indoor units, opening the door through a standard home telephone or a wireless handset.



## TECHNICAL FEATURES

EGDS 01

### EFES Doorphone Central

EGDS01 is used in doorphone systems having a Door-keeper or Security Guard or if the number of apartments is more than 15. In this central, there is an energy circuit and a video amplifier with 4 distribution outputs.



WxHxDmm  
320x280x100

## TECHNICAL FEATURES

ETR 03

### Power Supply

ETR03 is a SMPS (Switch Mode Power Supply) with an input 220 VAC, an instant output of 18 – 22 VDC and a current of 3 A. In order to protect the devices in ondulatory systems, this power supply retards the energy by 20 seconds at switch ON. Maximum continuous current is 1 A and it should never be connected to door-release coil. For door-lock, a proper AC transformer should be used in accordance with its specifications.



WxHxDmm  
160x100x50

## TECHNICAL FEATURES

FRM

### First Relay Module

FRM is a module which enables door opening in FIRST operating systems. It has a built-in relay with a dry contact. It is activated by pressing 0 (zero) or "Door-open" button on the indoor unit. It has a knob for setting the open time. Relay contact ratings are 5A / 50V.



## TECHNICAL FEATURES

FTM

### FIRST Telephone Module

FTM is a module used to enable indoor units in FIRST operating system to answer a call, open the door and communicate with other apartments through a standard home telephone or wireless handset.

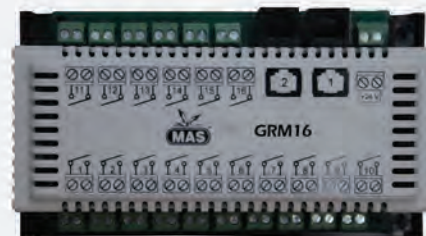


## TECHNICAL FEATURES

GRM04 - GRM08 - GRM16

### General Relay Modules

GRM04 - GRM08 - GRM16 are used in home automation systems and according to the outputs from relay drive modules, they control the electric outlets, lighting, heating, electronic devices, etc... They have LED indicators.



## TECHNICAL FEATURES

GT 15

### Power Supply

GT15 is a power supply having an input 220 VAC and an output 15V AC / 15 W and used for intercom system, as well as for door-release. GT15 should not be used when the system has a power supply ETR03.



WxHxDmm  
83x75x53

## TECHNICAL FEATURES

HK 01

### External Camera

HK01 is a camera with night vision and it is used in addition to the camera of outdoor units.



## TECHNICAL FEATURES

KGS 01

### Access System With Card (plastic)

KGS01 system enables a door to be opened by means of pre-programmed cards. All RFID cards (including subway, contactless bank cards, etc...) with 13.56 MHz frequency can be used with KGS01.



## TECHNICAL FEATURES

KSM 08A

### Camera Select Module

KSM08A is used in installations where there are more than 2 cameras. With AKSM08, indoor units in apartments may select up to 8 cameras including the one at the outdoor panel. It can be used in EFES and BERGAMA operating systems.



WxHxDmm  
160x90x65

## TECHNICAL FEATURES

KSM 08D

### Camera Select Module (Digital)

KSM08D is used in installations where there are more than 2 cameras. Indoor units have the possibility to select 8 cameras including the one at the outdoor panel. It can be used in EFES operating system.



## TECHNICAL FEATURES

## KSM 08F

### FIRST Camera Select Module

KSM08F is used in installations where there are more than 2 cameras. With KSM08F, indoor units in apartments may select up to 8 cameras including the one at the outdoor panel. It can be used in FIRST operating systems.



## TECHNICAL FEATURES

## KAM 02

### Door Select Module (2 doors)

If a bloc has 2 entrances, it needs a KAM02 to enable the users to select the panels of these doors. In buildings with 2 entrances, the indoor unit talks to the entrance where there is a visitor and opens that door.



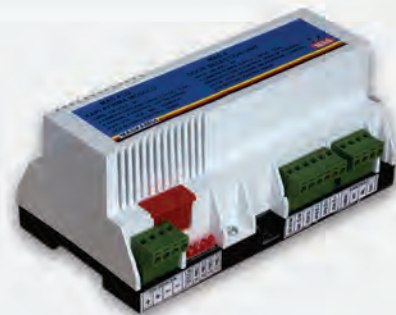
WxHxDmm  
160x90x65

## TECHNICAL FEATURES

## KAM 04

### Door Select Module (4 doors)

If a bloc has 4 entrances, it needs a KAM04 to enable the users to select the panels of these doors. In buildings with 4 entrances, the indoor unit talks to the entrance where there is a visitor and opens that door.



WxHxDmm  
170x110x75

## TECHNICAL FEATURES

## KTEGS01

### Access System With Card, Keypad & Screen (plastic)

KTEGS01 system enables a door to be opened by entering a PIN code of 4 digits through a keypad with plastic buttons or by approaching a card. It has only one PIN code which can be modified through the keypad by the administrator. All RFID cards (including subway, contactless bank cards, etc...) with 13.56 MHz frequency can be used with KTEGS01. The screen displays the name of apartment owner. Lost cards or those belonging to people who moved from the apartment can be erased without any need for the card.





## TECHNICAL FEATURES

KTGS01

### Access system with card and keypad (plastic)

KTGS01 system enables a door to be opened by entering a PIN code of 4 digits through a keypad with plastic buttons or by approaching a card. It has only one PIN code which can be modified through the keypad by the administrator. All RFID cards (including subway, contactless bank cards, etc...) with 13.56 MHz frequency can be used with KTGS01.



## TECHNICAL FEATURES

LPA-A

### Flat Panel Holder (For analog panels)

LPA-A is used at the entrance of buildings under the analog outdoor panel to enable its fixation at the surface of the wall without breaking the wall and its positioning at a certain distance from the wall, thus keeping it away partly from rain flow and dust.



WxHxDmm  
300xHHx50

HH: Depends on the height of the panel

## TECHNICAL FEATURES

LPA-D

### Flat Panel Holder (For digital panels)

LPA-D is used at the entrance of buildings under the digital outdoor panel to enable its fixation at the surface of the wall without breaking the wall and its positioning at a certain distance from the wall, thus keeping it away partly from rain and dust.



WxHxDmm  
300xHHx50

HH: Depends on the height of the panel

## TECHNICAL FEATURES

MIB01

### Main Control Unit (Server)

MIB01 is a central processing unit used in home automation systems. It can be remotely controlled by smart phone or tablet PC thanks to its Ethernet support.



## TECHNICAL FEATURES

MFR-KA

### Keyfob

MFR-KA enables door opening by means of the data sent by radio frequency signals (13.56 MHz), without need to carry keys. One keyfob may be identified to many units and opens different doors.



WxHxDmm  
37.5x53x9.8

## TECHNICAL FEATURES

MFR-YK / MFR-KK

### Card Access System Administrator Card

MFR-YK is an administrator card used to program user cards in a Card Access System (card registration and erasing). It cannot be used for door opening.

### Card Access System User Card

MFR-KK is a user card which enables door opening by means of the data sent by radio frequency signals (13.56 MHz), without need to carry keys. One card may be identified to many units.



WxHmm  
85x55

## TECHNICAL FEATURES

MFS 780

### FIRST Telephone Central

MFS780 is similar to PBX telephone central and possesses all properties of standard telephone centrals. It is used with units having our FIRST operating system properties. It enables communication between many blocs and apartments. A pair of telephone wires should be connected from each apartment to this central. This is the most suitable system for long distance communication. It is connected directly to 220 VAC or can be fed by a 24 VDC battery. Each central is made to measure depending on the number of subscribers thanks to its flexibility to add connection cards. It may have maximum 60 subscribers and can be cascaded to obtain 780 subscribers with 3-digit dialing and much higher number of subscribers with 4-digit dialing.



WxHxDmm  
275x285x130

## TECHNICAL FEATURES

MTGS

### Access System With Keypad (metal)

MTGS system enables a door to be opened by entering a PIN code of 4 digits through a keypad with metal buttons. It cannot be used with cards. It has only one PIN code which can be modified through the keypad by the administrator. It is fed by the energy taken from the outdoor panel.



## TECHNICAL FEATURES

OTS01

### **Bus Telephone Central**

OTS01 is a 3-channel small vehicle central powered by 24 VDC. It is used for audio communication in buses, caravans, VIP vehicles, yachts, villas. It works with BST01. It can be connected to 3 phones.



## TECHNICAL FEATURES

PRGxx

### **Rain shield**

PRG80/100/120, is used at the entrance of buildings at top of the outdoor panels to protect these panels partly against rain and dust. It has 3 different dimensions.

WxHxDmm  
1500x380x550

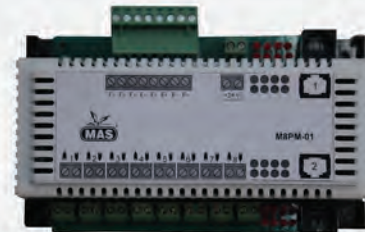


## TECHNICAL FEATURES

PG08PR

### **Curtain relay module**

PG08PR is used in home automation systems to independently take up and down 8 curtains. It is working commonly with suitable relay drive modules.

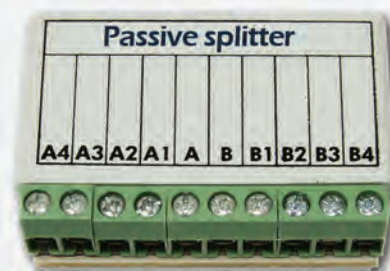


## TECHNICAL FEATURES

PS01

### **Passive splitter**

PS01 is used in systems with junction boxes to distribute video signals to apartments. It has 4 outputs which allow to be connected to 4 apartments. For more apartments, another PSL01 has to be added.



WxHxDmm  
55x37x14

## TECHNICAL FEATURES

RBT 12

### Power Supply

RBT12 is a SMPS transformer (Switch Mode Power Supply) with an input 220 VAC and an output 12V DC / 12W. It is mounted on rails and used for 2-wire and 4-wire systems and to feed an external camera.



WxHxDmm  
65x71x34

## TECHNICAL FEATURES

RBT 18

### Power Supply

RBT18 is a SMPS transformer (Switch Mode Power Supply) with an input 220 VAC and an output 18V DC / 18W. It is mounted on rails and used for EFES villa sets or in installations having 2 to 5 apartments.



WxHxDmm  
65x71x34

## TECHNICAL FEATURES

RSM 8x8

### Relay Driver Module (8 outputs)

RSM8x8 is used in home automation systems to drive 8 relays according to the data coming from main board (server) and has separately 8 external analog switching inputs. It synchronously provides information to the server. RSM8x8 supplies 24V energy to power relay. It has LED indicators.



## TECHNICAL FEATURES

RSM 16x16

### Relay Driver Module (16 outputs)

RSM16x16 is used in home automation systems to drive 16 relays according to the data coming from main board (server) and has separately 16 external analog switching inputs.



## TECHNICAL FEATURES

## RSM 20x20

### Relay Driver Module (20 outputs)

RSM20x20 is used in home automation systems to drive 20 relays according to the data coming from main board (server) and has separately 20 external analog switching inputs. It synchronously provides information to the server. RSM20x20 supplies 24V energy to power relay. It has LED indicators.



## TECHNICAL FEATURES

## SAKS

### Symmetrical Active Intermediary Central

SAKS is used for distribution and amplification of video signals when there are many apartments in a floor and many floors (max. 12) in a building without any need for an active amplifier. It has 12 active video outputs. It has a built-in 18 VDC / 15 W power supply. It can be used commonly in EFES and FIRST operating systems.



## TECHNICAL FEATURES

## SPA-A

### Surface Mount Panel holder (For analog outdoor panels)

SPA-A is used at the entrance of buildings under the analog outdoor panels to enable its fixation at the surface of the wall without breaking the wall and its positioning at a certain distance from the wall, thus keeping it away partly from rain flow and dust.



WxHxDmm  
255xHHx30

HH: Depends on the height of the panel

## TECHNICAL FEATURES

## SPA-D

### Surface mount panel holder (For digital outdoor panels)

SPA-D is used at the entrance of buildings under the digital outdoor panel to enable its fixation at the surface of the wall without breaking the wall and its positioning at a certain distance from the wall, thus keeping it away partly from rain flow.



WxHxDmm  
255xHHx30

HH: Depends on the height of the panel

## TECHNICAL FEATURES

STM

### Sensor Collect Module

STM is used in alarm and home automation systems and in case of emergency performs tasks such as cutting the electricity, water, gas, air condition, heating, etc.... It is fed by 220 VAC or at a electricity cut, it keeps working min. 24 hours with a 18 VDC battery. The battery is rechargeable.



## TECHNICAL FEATURES

VPAXx

### Flat Panel Polder (For Rock panel)

VPA is used for the fixation of ROCK outdoor panels at the surface of the wall without breaking the wall.



## TECHNICAL FEATURES

YDS 01

### Auxiliary Data Central

YDS01 is used in some projects to avoid data losses and to join the data lines coming from blocs and to amplify data signals. An error which occurs in one bloc does not affect other blocs.



WxHxDmm  
163x75x105

## TECHNICAL FEATURES

5001F




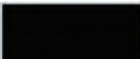

### FIRST Intermediary Panel

5001F is mounted between outdoor panel and indoor unit in FIRST systems. It is used in villas for audio and video communication in front of apartment door or villa entrances.



# color variations

SAFIR	Body Color	Middle Frame Color	Screen Frame Color
	Dull White 	White 	Black 
	Shiny White 	Black 	Grey 
	Dull Black 	Grey 	
	Shiny Black 		

SKY   ELITE   SMART	Body Color	Screen Frame Color
	White 	Black 
	Black 	Grey 

STAR   ROCK   GALAXY	Body Color
	Grey 
	Dark Brown 



# color variations

DIAMOND	Body Color	Metal Color	Buttons Color
	Yellow	Platinum	Yellow
	Chrome	Khaki	Chrome
	Black	Inox	Black
	Dull Chrome	Black	Dull Chrome
	Smoked	Aluminium	Smoked

MAJESTIK	Body Color	Screen Frame Color	Buttons Color
	White	White	White
		Yellow	Yellow
		Grey	Grey
			Black

GOLD	Body Color	Screen Frame Color	Buttons Color
	White	White	White
		Yellow	Yellow
		Grey	Grey

SILVER	Body Color	Screen Frame Color	Buttons Color
	White	White	White
	Yellow	Black	Black
	Grey		
	Black		

INCI	Body Color	Screen Frame Color	Buttons Color
	White	Khaki	Khaki
		Yellow	Yellow
		Silver	Silver





REFERENCE	RAIL SYSTEM	MAGNETIC SWITCH	ANTI BLOCKING SYSTEM	CALL DOORKEEPER WITH ONE BUTTON	CALL SECURITY WITH ONE BUTTON	DIGITAL PANEL COMPATIBILITY	DISTRIBUTION WITHOUT COAXIAL CABLE	CALLER ID FOR SECURITY	PRIVACY IN AUDIO AND VIDEO	SURVEILLANCE	SELECT CAMERA	INTERCOMMUNICATION BETWEEN APARTMENTS	INTERCOMMUNICATION BETWEEN BLOCKS	DIFFERENT DOORBELL MELODY	ALARM INTEGRATED SYSTEM	SD CARD	CALLER ID	HANDSFREE	REDIRECTING	CONFERENCE	VOIP COMPATIBILITY	PBX COMPATIBILITY	VIDEO AND AUDIO COMPATIBILITY	VIDEO AND DOORBELL SETTINGS AT UNITS	TOUCH SCREEN	EFES OPERATING SYSTEM	FIRST OPERATING SYSTEM	BERGAMA SYSTEM	2-WIRE VILLA SET	4-WIRE VILLA SET	HOME AUTOMATION		
<b>CUBE 3,5 "-4,3"</b>																																	
CUBD **0300XXX																																	
<b>DIAMOND 7"</b>																																	
DGD07AD																																	
DGD07ADR																																	
DGD07DAD																																	
DGD07DADR																																	
DGD07F								OP																									
DGD07FR																																	
DGD072K																																	
EODGD07AD																																	
EODGD07ADR																																	
EODGD07DAD																																	
EODGD07DADR																																	
EODGD07F								OP																									
EODGD07FR																																	
EODGD072K																																	
<b>ELITE 3,5-4,3 -5,6</b>																																	
ELTD**0300XXX																																	
ELTD**0310XXX																																	
<b>GOLD 3,5"</b>																																	
GGT**AD																																	
GGT**ADR																																	
GGT**ADT																																	
GGT**ADTR																																	
GGT**B																																	
GGT**BR																																	
GGT**F																																	
GGT**FR																																	
GGT**2K																																	
GGT**2KR																																	

OP : Optional      \*\* : Screen Dimensions          : Available      xxx : Color

REFERENCE	RAIL SYSTEM	MAGNETIC SWITCH	ANTI BLOCKING SYSTEM	CALL DOORKEEPER WITH ONE BUTTON	CALL SECURITY WITH ONE BUTTON	DIGITAL PANEL COMPATIBILITY	DISTRIBUTION WITHOUT COAXIAL CABLE	CALLER ID FOR SECURITY	PRIVACY IN AUDIO AND VIDEO	SURVEILLANCE	SELECT CAMERA	INTERCOMMUNICATION BETWEEN APARTMENTS	INTERCOMMUNICATION BETWEEN BLOCKS	DIFFERENT DOORBELL MELODY	ALARM INTEGRATED SYSTEM	SD CARD	CALLER ID	HANDSFREE	REDIRECTING	CONFERENCE	VOIP COMPATIBILITY	PBX COMPATIBILITY	VIDEO AND AUDIO COMPATIBILITY	VIDEO AND DOORBELL SETTINGS AT UNITS	TOUCH SCREEN	EFES OPERATING SYSTEM	FIRST OPERATING SYSTEM	BERGAMA SYSTEM	2-WIRE VILLA SET	4-WIRE VILLA SET	HOME AUTOMATION
<b>INCI 7"</b>																															
IGT07AD																															
IGT07ADR																															
IGT07ADT																															
IGT07ADTR																															
IGT07B																															
IGT07BR																															
IGT07F																															
IGT07FR																															
IGT072K																										OP					
IGT074K																										OP					
IGT02KR																										OP					
IGT04KR																										OP					
<b>MAJESTIK 3,5" - 4,3"</b>																															
MGT**AD																															
MGT**ADR																															
MGT**ADT																															
MGT**ADTR																															
MGT**F																															
MGT**FR																															
MGT**B																															
MGT**BR																															
MGT**2K																															
MGT**2KR																															
<b>SKY 3,5 - 4,3 - 5,6</b>																															
SKYT**0101XXX																															
SKYT**1101XXX																															
SKYT**1300XXX																															
SKYT**1301XXX																															
SKYT**0300XXX																															
SKYT**0301XXX																															
<b>TRUVA 3,5" 4,3"</b>																															
TRVT**0101XXX																															
TRVT**0300XXX																															

OP : Optional

\*\* : Screen Dimensions

 : Available

xxx : Color

REFERENCE	RAIL SYSTEM	MAGNETIC SWITCH	ANTI BLOCKING SYSTEM	CALL DOORKEEPER WITH ONE BUTTON	CALL SECURITY WITH ONE BUTTON	DIGITAL PANEL COMPATIBILITY	DISTRIBUTION WITHOUT COAXIAL CABLE	CALLER ID FOR SECURITY	PRIVACY IN AUDIO AND VIDEO	SURVEILLANCE	SELECT CAMERA	INTERCOMMUNICATION BETWEEN APARTMENTS	INTERCOMMUNICATION BETWEEN BLOCKS	DIFFERENT DOORBELL MELODY	ALARM INTEGRATED SYSTEM	SD CARD	CALLER ID	HANDSFREE	REDIRECTING	CONFERENCE	VOIP COMPATIBILITY	PBX COMPATIBILITY	VIDEO AND AUDIO COMPATIBILITY	VIDEO AND DOORBELL SETTINGS AT UNITS	TOUCH SCREEN	EFES OPERATING SYSTEM	FIRST OPERATING SYSTEM	BERGAMA SYSTEM	2-WIRE VILLA SET	4-WIRE VILLA SET	HOME AUTOMATION				
<b>ROYAL 3,5" - 4,3"</b>																																			
RGT**AD																																			
RGT**ADR																																			
RGT**ADT																																			
RGT**ADTR																																			
RGT**F																																			
RGT**FR																																			
RGT**B																																			
RGT**BR																																			
RGT**2K																										OP									
RGT**2KR																									OP										
RGT**4K																																			
RGT**4KR																																			
<b>SMART 7"</b>																																			
SMTT700101XXX																																			
SMTT701101XXX																																			
SMTT703111XXX																																			
SMTT700301XXX																																			
SMTT701301XXX																																			
SMTT703311XXX																																			
SMTT700300XXX																																			
<b>SAFIR 7"</b>																																			
SFRD702100XXX																																			
SFRD702112XXX																																			
SFRD702300XXX																																			
SFRD702302XXX																																			
SFRD703100XXX																																			
SFRD703112XXX																																			
SFRD703300XXX																																			
SFRD703302XXX																																			
SFRD700202XXX																																			
SFRD701202XXX																																			
<b>SILVER 3,5"</b>																																			
SGD02AD																																			
SGD02F																																			OP

OP : Optional    \*\* : Screen Dimensions       : Available    xxx : Color

# analog panels

ROYAL	REFERENCE																				
	EFES STAR	ASOS STAR	FIRST (ONE BUTTON PER ROW)	2-WIRE	4-WIRE	BERGAMASTAR	VIDEO	AUDIO	DIGITAL	ANTIVANDAL	FLUSH MOUNT	SURFACE MOUNT	PHOTOCELL	EXTRRA CAMERA	PAN / TILT	INFRARED LED	RFID / MIFARE	TWO BUTTONS PER ROW	ONE BUTTON PER ROW	ONE BUTTON	
ROYAL 5001F																					OP
ROYAL 2K																					
ROYAL 4K																					
ROYAL 50xx																					OP
ROYAL 51xx																					OP
ROYAL 52xx																					OP
ROYAL 54xx																					OP
ROYAL 56xx																					OP
ROYAL 58xx																					OP
ROYAL 59xx																					OP
ROYAL 60xx																					OP
ROYAL 61xx																					OP
ROYAL 62xx																					OP
ROYAL 64xx																					OP
ROYAL 66xx																					OP
ROYAL 68xx																					OP
ROYAL 69xx																					OP
<b>STAR</b>																					
SVP02																					
SVP2K																					
SPEAVA																					
<b>ILGAZ</b>																					
ILGAZ 2KXX																					
ILGAZ EEXX																					

OP : Optional # : SURFACE MOUNT:1 / FLUSH MOUNT:2  
 Available

# digital panels

DIGITAL	REFERENCE																			
	EFES	FIRST	VIDEO	AUDIO	DIGITAL	ANTIVANDAL	KEYFOB	FLUSH MOUNT	SURFACE MOUNT	NAVIGATION BUTTON	TOUCH	LCD SCREEN	PHOTOCELL	DOOR OPEN WITH PIN	CALL DOORKEEPER OR SECURITY	EXTRA CAMERA	MOBILE CAMERA	IR LED	RFID	
DP01H1MN																				OP
DP01H1M1NK																				
DP02H1MN																				OP
DP02H1M1NK																				
DP01H1MN																				OP
DP01H1M1NK																				
DP02H1MN																				OP
DP02H1M1NK																				
<b>ROCK</b>																				
RAMA02																				OP
RAMA07																				OP
RAMA02F																				OP
RAMA07F																				OP
<b>GALAXY</b>																				
GP01HA																				OP
GP02HA																				OP
<b>VENUS</b>																				
VNSDV312100#2																				
VNSDV302100#2																				
VNSDV312200#2																				
VNSDV302200#2																				
VNSDV112100#2																				
VNSDV102100#2																				
VNSDV112200#2																				
VNSDV102200#2																				



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