



**IP Intercom**  
technology  
**to make**  
**your** home  
smarter



**IP INTERCOM AND  
SMART HOME SYSTEMS**  
CATALOGUE 2021

**Multitek®**

# Multitek

We are proudly researching, designing, developing and manufacturing since 1989.

Multitek is the leading intercom manufacturer in Turkey and surrounding regions, with deep commitment to R&D and new technology development.

Today, Multitek provides solutions all over the world with 14 regional offices and more than 500 business partners. Multitek's smart manufacturing facilities are located in Istanbul Turkey on 7000m<sup>2</sup> closed area with high capacity SMT and assembly lines.

Starting with telephone exchanges; Multitek has added intercom systems, smart home management, fire alarm detectors and telecommunication systems to its portfolio in years. With in-house R&D, manufacturing, sales and after sales units; new product development is a never ending passion for the company. Multitek is the sole certified intercom manufacturer in Turkey, verified by Ministry of Industry and technology.

Multitek R&D is now focused on making homes smarter by developing high end cloud-based IP intercom systems and integrated smart home applications. As one of the first companies to develop IP intercom system in 2016, Multitek has already implemented and completed thousands of IP solutions and smart home projects.

# WHY IP INTERCOM ?

“Easy implementation and maintenance. No need for additional technical knowledge.”

“Superior functionalities with internet / mobile technology infrastructure.”

Video and voice quality are the same and crystal clear for all rooms. No picture noise or colour loss.”

“All these functionalities with competitive prices.”

“Ready for future developments.”



Number of rooms in your building does not matter! 2 or 1000.. Just connect the network with CAT6 cabling. Easy to implement without training or a special program

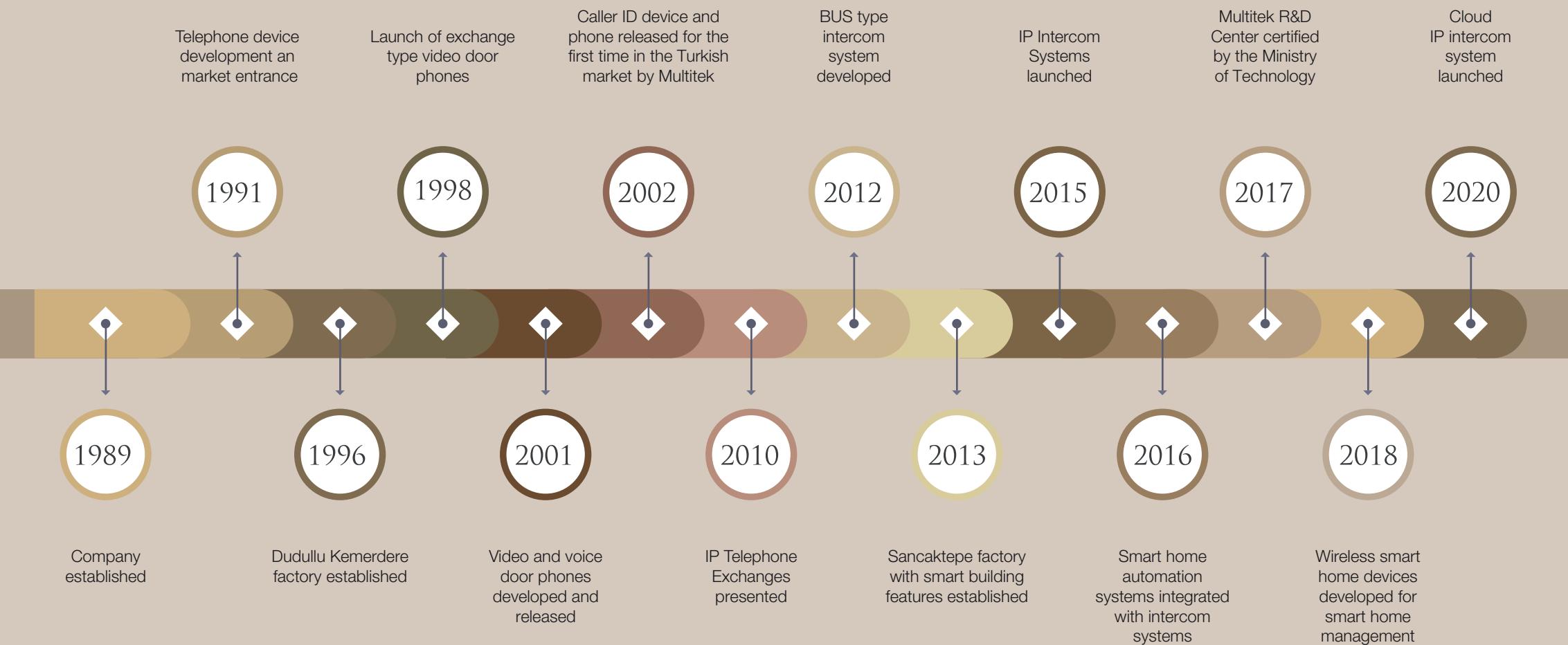
All rooms can talk to each other at the same time without any limit.  
All rooms and management can send messages to each other, management can broadcast messages.  
Unanswered calls and their screenshots are saved and sent to mobile phone.

There is no need for additional infrastructure elements like video distributor, amplifier etc.  
The closest or the most distant monitor has the same video / voice quality

Compared to other analog or IP intercom systems in the market, it is easier to implement, cable and maintain

IP is the future! IP intercom systems have great capability to meet future needs such as smart home, alarm and IoT.

# OUR JOURNEY



# SELECTED REFERENCES



Emlak Yapı/Cihan İnşaat/  
Avrupark / 1.394 rooms



YP İnşaat/Nefis Çankaya/  
432 rooms



Teknik Yapı/Concord/  
A-B Etap / 1.184 rooms



Kiptaş/Sosyal Tesisleri  
Çatalca / 2.160 rooms



Emlak Yapı/Dap Yapı /  
İstmarina / 1.516 rooms



Emlak Yapı/Intaya-Eyg-İntes  
Adım İstanbul / 615 rooms



Emay İnşaat/Kent Plus  
1.276 rooms



Nida İnşaat/Nidapark  
378 rooms



Emlak Yapı/Kalyon İnşaat/  
Kayabaşı 2.Etap  
279 rooms



Emlak Yapı/Sarphan  
410 rooms



Selçuklu İnşaat/Selçuklu Vadi  
455 rooms



Emlak Yapı/Siyah Kalem  
Köy Projesi / 1.400 rooms



Emlak Yapı/Varyap-Gap  
/Metropol İstanbul  
1.405 rooms



Emlak Yapı/Yörük Yapı  
Ispartakule / 947 rooms



Emlak Yapı/Balpa İnşaat  
Ispartakule / 519 rooms



Emlak Yapı/Nida İnşaat/  
Nidapark  
844 rooms



Acarlar Sitesi  
1.071 rooms



Regnum Elitkent Sitesi  
722 rooms



Emlak Yapı/Makro-Akyapı/  
Park Maveria 1-2-3  
1.955 rooms



YDA/Park Avenue  
2.105 rooms



MBM İnşaat/Akadia Modern  
1.000 rooms



Türkerler/Mahal Ankara  
708 rooms



Emlak Yapı/Nazmi Akpınar  
Vefa Tesisleri  
744 rooms

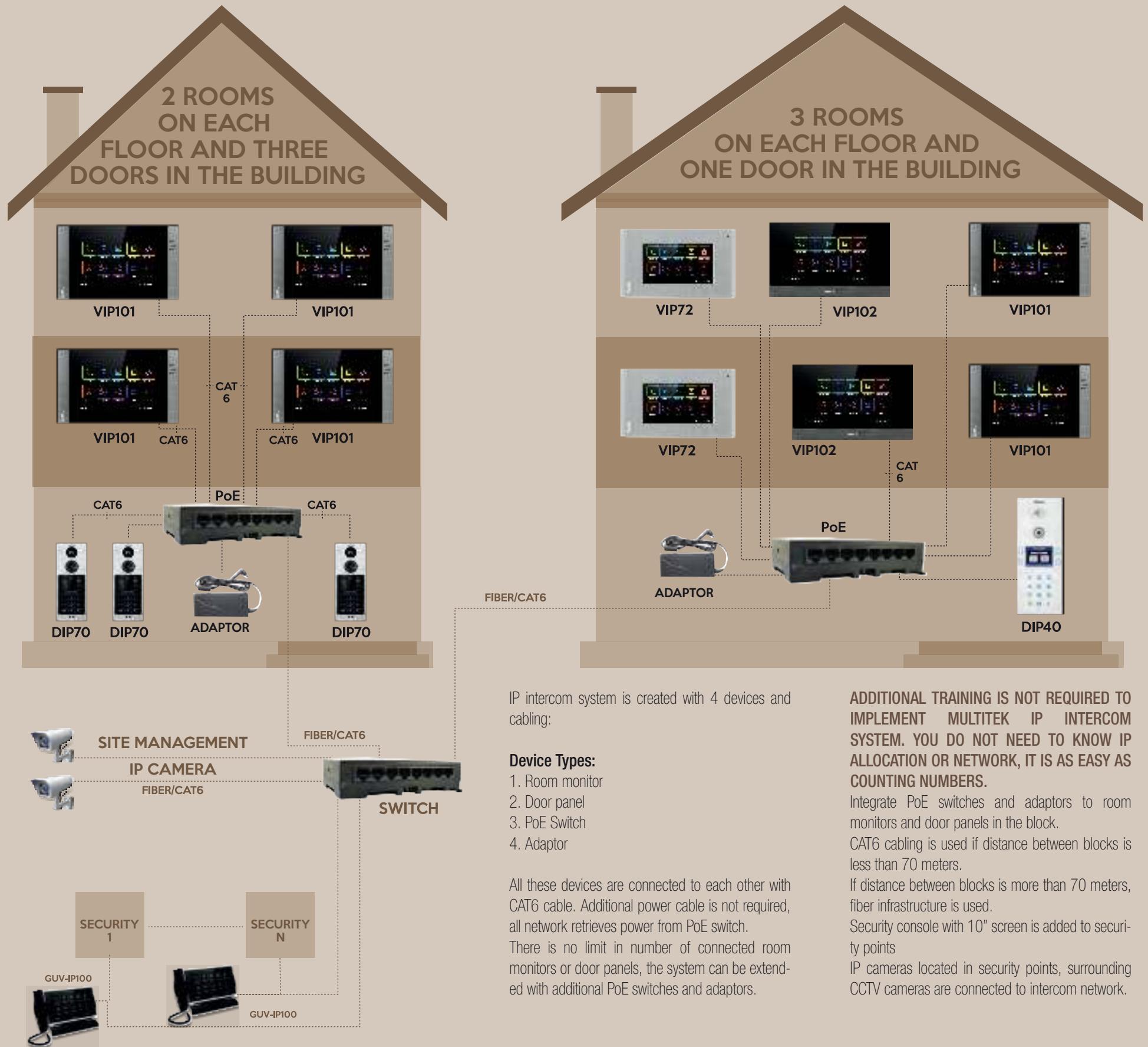


Önay Grup/Önay Life  
Residence  
442 rooms

# IP Intercom Connection Diagram

(Linux and Android systems have the same adaptor and switch structure but monitor and door panels are different)

**Linux and Andorid IP intercom room monitors and door panels cannot operate together.**



# 1-Anroid IP Intercom and Smart Home

control your  
**intercom,**  
alarm and smart home  
features with a single device



## Smart Home Management

Increase your security and comfort at home by selecting the most suitable smart home solution for your home. Wireless RF, KNX, and relay.



## Alarm Management

Increase your home's security level by adding new alarm detectors. You can control alarms via your mobile phone and direct them to building management.

## Intercom Features

Advanced intercom features (video call and message between rooms, snapshot of the visitor etc.) Never miss a visitor again!

## IP Intercom System Features

- » Capacitive touch screen with high sensitivity and resolution (TFT LCD 1024x600 pixel)
- » All features can be controlled from mobile device
- » No need for additional infrastructure elements (i.e. server) to build a network
- » Perfect video and voice quality regardless of number of floors
- » Network connection with CAT6 cabling
- » Video and voice call between rooms
- » Connection to security, gatekeeper, site manager and other rooms with a single tap
- » No limit in number of additional IP cameras
- » Different ring tones for different callers (i.e. security, room)
- » Multiple messages sent to all rooms easily
- » Screenshot of unanswered calls sent to mobile device
- » Smart home enabled with different devices and protocols

# NEVER MISS A VISITOR AGAIN!



VIP75C



DIP01C



720p HD Video  
Live View



Night  
Vision



Motion  
sensor



Mobile  
application



Real-time  
notifications  
and snapshots



Suitable with  
additional  
devices

**Multitek**<sup>®</sup>



See who visited you from saved snapshots so you never miss a moment at your door

Answer the door from anywhere. See, talk and open the door for you visitors in real time



Record your videos and capture photos



Include monitor in your home to control intercom, smart home and alarm features

With Multitek Cloud Intercom your home is wherever you are and always under control.



**Fast  
Installation**  
stylish design,  
**user-friendly**  
screens



**ANDROID  
IP MONITORS**

# VIP101-SMART

10" LCD ROOM MONITOR  
ALUMINUM AND GLASS SURFACE  
INTERCOM, ALARM and SMART HOME TOGETHER



## TECHNICAL FEATURES

Screen	10" TFT LCD (1024x600)	Network Connection	Ethernet (PoE)
Camera	IP front camera (0.3 Mpixel)	Working Voltage	12-24VDC (PoE) (nominal 18VDC)
Touch	Capacitive	Working Current	200 mA stand-by, 300mA active
TFT Card	Yes	Working Temperature	-10, +55°C
CPU	1.5GHz ,RAM 1GB,Flash 4 GB	Humidity	%20-95 (non-condensed)
Operating System	Android	Installation	Flush mount
Connection Protocol	SIP	Color	Black, Grey
Transmission	TCP/IP	Dimensions	339x206x4mm (on wall)
Codec	Voice G.711, Video H.264	Cloud Connection	Available

**Multitek**<sup>®</sup>



# VIP102-SMART

10" LCD ROOM MONITOR  
ALUMINUM AND GLASS SURFACE  
INTERCOM, ALARM and SMART HOME TOGETHER



## TECHNICAL FEATURES

Screen	10" TFT LCD (1024x600)	Network Connection	Ethernet (PoE)
Camera	IP front camera (0.3 Mpixel)	Working Voltage	12-24VDC (PoE) (nominal 18VDC)
Touch	Capacitive	Working Current	200 mA stand-by, 300mA active
TFT Card	Yes	Working Temperature	-10, +55°C
CPU	1.5GHz ,RAM 1GB,Flash 4 GB	Humidity	%20-95 (non-condensed)
Operating System	Android	Installation	Flush mount
Connection Protocol	SIP	Color	Black, Grey
Transmission	TCP/IP	Dimensions	339x206x4mm (on wall)
Codec	Voice G.711, Video H.264	Cloud Connection	Available



**Multitek**<sup>®</sup>

# VIP100-SMART

10" LCD ROOM MONITOR  
WALL MOUNT, PLASTIC CASE  
INTERCOM, ALARM and SMART HOME TOGETHER



 Black

 White

VIP100-SMART-HANDSET



## TECHNICAL FEATURES

Screen	10" TFT LCD (1024x600)	Network Connection	Ethernet (PoE)
Camera	IP front camera (0.3 Mpixel)	Working Voltage	12-24VDC (PoE) (nominal 18VDC)
Touch	Capacitive	Working Current	200 mA stand-by, 300mA active
TFT Card	Yes	Working Temperature	-10, +55°C
CPU	1.5GHz ,RAM 1GB,Flash 4 GB	Humidity	%20-95 (non-condensed)
Operating System	Android	Installation	Wall mount
Connection Protocol	SIP	Color	White, Black
Transmission	TCP/IP	Dimensions	287x183x29mm
Codec	Voice G.711, Video H.264	Cloud Connection	Available

**Multitek**<sup>®</sup>



# VIP75

7" LCD ROOM MONITOR  
ALUMINUM AND GLASS SURFACE  
INTERCOM AND OPTIONAL ALARM and SMART FEATURE



## TECHNICAL FEATURES

Screen	7" TFT LCD (1024x600)	Network Connection	Ethernet (PoE)
Touch	Capacitive	Working Voltage	12-24VDC (PoE) (nominal 18VDC)
TFT Card	Yes	Working Current	200 mA stand-by, 300mA active
CPU	1.5GHz ,RAM 1GB,Flash 4 GB	Working Temperature	-10, +55°C
Operating System	Android	Humidity	%20-95 (non-condensed)
Connection Protocol	SIP	Installation	Wall mount
Transmission	TCP/IP	Color	Grey, Black
Codec	Voice G.711, Video H.264	Dimensions	256x147x19mm
Cloud Connection	Available		



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# VIP74

7" LCD ROOM MONITOR  
ALUMINUM AND GLASS SURFACE  
INTERCOM AND OPTIONAL ALARM and SMART FEATURE



## TECHNICAL FEATURES

Screen	7" TFT LCD (1024x600)	Network Connection	Ethernet (PoE)
Touch	Capacitive	Working Voltage	12-24VDC (PoE) (nominal 18VDC)
TFT Card	Yes	Working Current	200 mA stand-by, 300mA active
CPU	1.5GHz ,RAM 1GB,Flash 4 GB	Working Temperature	-10, +55°C
Operating System	Android	Humidity	%20-95 (non-condensed)
Connection Protocol	SIP	Installation	Wall mount
Transmission	TCP/IP	Color	Natural, Dark Grey
Codec	Voice G.711, Video H.264	Dimensions	256x147x19mm
Cloud Connection	Available		

**Multitek**<sup>®</sup>



# VIP72

7" LCD ROOM MONITOR  
ALUMINUM ELEGANT DESIGN  
INTERCOM AND OPTIONAL ALARM, SMART  
HOME FEATURES



 Natural

 Dark Grey



## TECHNICAL FEATURES

Screen	7" TFT LCD (1024x600)	Network Connection	Ethernet (PoE)
Touch	Capacitive	Working Voltage	12-24VDC (PoE) (nominal 18VDC)
TFT Card	Yes	Working Current	200 mA stand-by, 300mA active
CPU	1.5GHz ,RAM 1GB,Flash 4 GB	Working Temperature	-10, +55°C
Operating System	Android	Humidity	%20-95 (non-condensed)
Connection Protocol	SIP	Installation	Wall mount
Transmission	TCP/IP	Color	Natural, Dark Grey
Codec	Voice G.711, Video H.264	Dimensions	256x147x19mm
Cloud Connection	Available		



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# GUV-IP100

10" LCD GUARD SET



 Black

 White



## TECHNICAL FEATURES

Screen	10" TFT LCD (1024x600)
Camera	IP front camera (0.3 Mpixel)
Touch	Capacitive
TFT Card	Yes
CPU	1.5GHz ,RAM 1GB,Flash 4 GB
Operating System	Android
Connection Pro.	SIP
Transmission	TCP/IP
Codec	Voice G.711, Video H.264

Network Con.	Ethernet (PoE)
Working Voltage	12-24VDC (PoE) (nominal 18VDC)
Working Current	300 mA stand-by, 400mA active
Working Temp.	-10, +55°C
Humidity	%20-95 (non-condensed)
Installation	Desktop
Color	Black-White
Dimensions	343x230x130 mm

## OTHER FEATURES

Talking with handset
Calling/called numbers registration
CCTV camera connection
Message broadcasting
Proximity card management (optional)

**Multitek**<sup>®</sup>



## INTERCOM FEATURES

- 7" / 10" TFT LCD, capacitive touch screen, 0.3 Mpixel camera, TFT card, room door button connection, date and clock information on screen
- Energy from PoE connection
- No limit in number of concurrent video / voice calls between rooms
- Different ring tones for different calls
- Snapshot of missed calls (1000 pictures)
- 4 parallel devices can be connected in a single room
- No limit in number of connected IP (ONVIF) cameras
- Send and receive short messages and files
- Emergency call, do not disturb, follow me etc. additional features
- Low energy consumption



## ALARM MANAGEMENT

Intercom features are built-in with additional alarm features

- Wired and wireless 8 alarm zones (8 zone)
- Arm / disarm alarm zones by remote control or via IP monitor
- Heat, natural gas, smoke, magnetic, PIR (motion), water leakage, glass broken detectors can be connected
- Siren connection (optional) and programming siren horn time duration
- Alarm information is sent to security console and defined mobile number
- Special contact connection for alarm information transformation
- Detailed alarm information reports
- Setup for all alarm related variables

## SMART HOME MANAGEMENT

Intercom and alarm features are built-in with additional smart home features

- No need for additional controller gateway
- Smart home can be designed according to needs and capabilities: KNX, RF modules, wireless Somfy RTS modules or relay control
- Control your home with RF modules from mobile app or IP monitor: ON/OFF ports, light switch, dimmer, shades, etc.
- Control your home with relay (RL): ON/OFF control, shades etc.
- Control your home with KNX devices: Any KNX device can be connected and controlled via monitor and mobile app.
- Control your home with Somfy wireless RTS: Meet our special product designed and developed with Somfy. Specially designed VIP70 Somfy monitor can control Somfy RTS wireless modules.
- Create your own control scenarios and select favorite products for customized comfort
- Task activation time and task devices can be set
- Alarm and smart home devices can trigger each other (i.e. turn off water when water leakage alarm zone is on)

## MOBILE APPLICATION

- All smart home and alarm detectors are controlled by the smart phone application downloaded from App Store or Google Play Stores. The apps are free.
- Alarm can be armed / disarmed, notification sent during alarm presence
- Easy connection setup via QR code designated in room monitor's settings
- Snapshot of missed calls sent to application with a notification
- Calls can be established between the door panel and the mobile phones. Two-way video communication between mobile device and door panel for intercom calls and to unlock doors.



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**“Functional  
Door Panel  
Wide  
Screen”**

**ANDROID  
IP DOOR PANELS**

# NO NEED TO TOUCH THE PANEL, WHEN YOU CAN JUST LOOK AT IT!



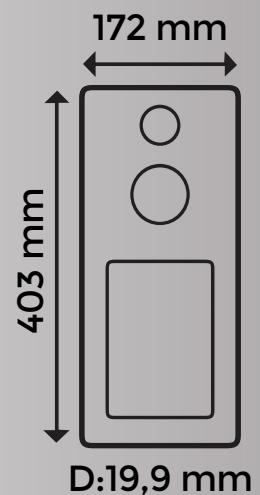
Water and dust resistant with IP65 protection level

The system does not require any computer, server or any other infrastructure elements. Face data is only kept in the door panel, 100% data protection is provided

Introduce residents' faces in the door panel

When the resident arrives door access will be enabled

**DIP70Y**



# DIP70

## DOOR PANEL

7" LCD WITH CAPACITIVE TOUCH

### GENERAL FEATURES

- » Aluminum body with IP65 protection for water and dust
- » Vertical vandal proof capacitive touch screen
- » 7" IPS LCD, 1024x600 pixel resolution
- » Adjustable, wide angle 5 Mp camera
- » Convertible to room touch button type door panel
- » Call security, door keeper and rooms with a single top
- » Find and call residents from phone book
- » Door password defined for each room
- » Built-in proximity card reader
- » Time and temperature information
- » Weather forecast if connected to internet
- » Photocell and optional 7 RGB color frame
- » Energy saver, motion sensitive wake-up
- » User instructions with voice messages
- » Use company logo as ring button

# DIP70Y

### DIP70 WITH FACE RECOGNITION

- » DIP70Y (DIP70 Face Recognition Feature Loaded)
- » No need a PC or additional device for face recognition
- » Up to 2000 face recordable
- » Liveliness feature



Black Natural



# DIP72

## DOOR PANEL

### 7" LCD WITH CAPACITIVE TOUCH



#### GENERAL FEATURES

- » Aluminum body with IP65 protection for water and dust
- » Vertical vandal proof capacitive touch screen
- » 7" IPS LCD, 1024x600 pixel resolution
- » Adjustable, wide angle 5 Mp camera
- » Convertible to room touch button type door panel
- » Call security, door keeper and rooms with a single top
- » Find and call residents from phone book
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- » Built-in proximity card reader
- » Time and temperature information
- » Weather forecast if connected to internet
- » Photocell and optional 7 RGB color frame
- » Energy saver, motion sensitive wake-up
- » User instructions with voice messages
- » Use company logo as ring button

# DIP72Y

#### DIP72 WITH FACE RECOGNITION

- » DIP72Y (DIP72 Face Recognition Feature Loaded)
- » No need a PC or additional device for face recognition
- » Up to 2000 face recordable
- » Liveliness feature



**Multitek®**

□ White    ■ Black



# DIP40

DOOR PANEL  
4" LCD WITH  
CAPACITIVE TOUCH  
BUTTONS

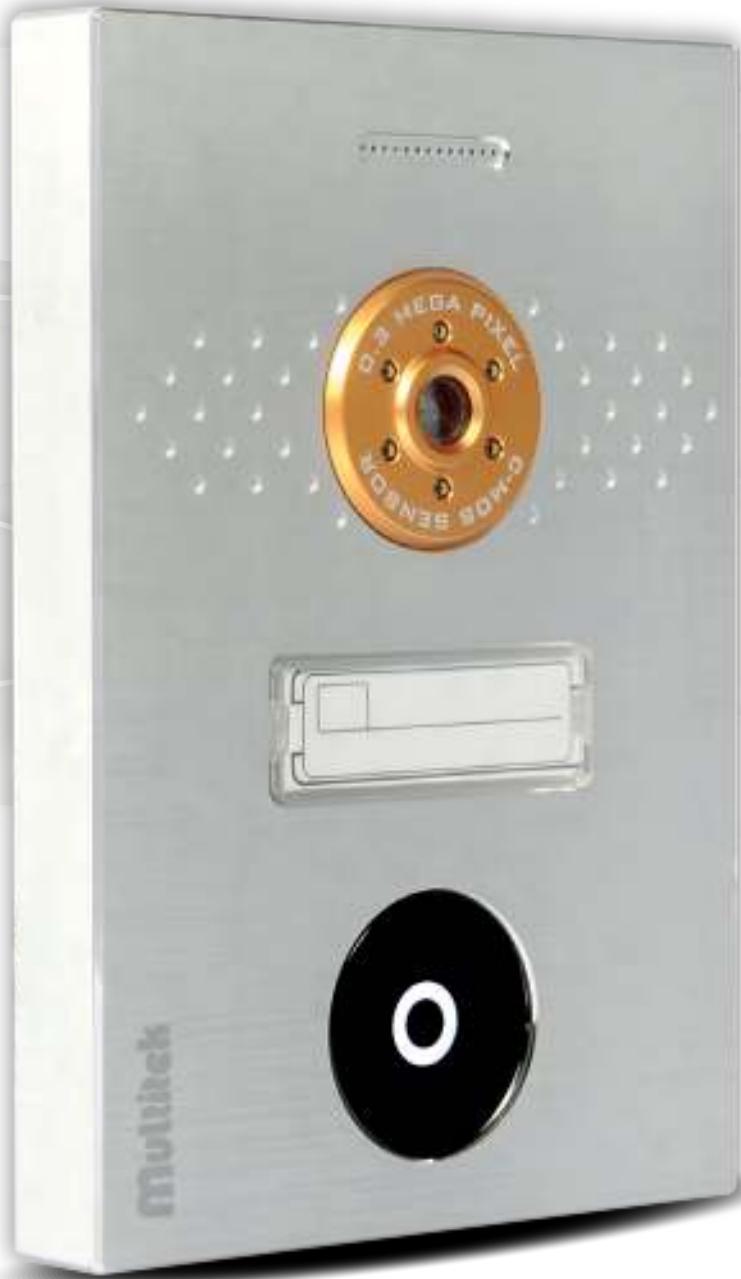
## GENERAL FEATURES

- » IP65 protection for water and dust
- » User-friendly 4" LCD screen and 2 MP camera
- » Call security and doorkeeper with a single tap
- » Find and call residents from phone book
- » Open building door with unique password or a proximity card
- » Define up to 5 proximity cards for each room and delete cards when necessary
- » Programmable touch buttons with 7 different colour options
- » Name and number of the building on the screen
- » Time and temperature information
- » LED frame with 7 different colour options
- » Black / white color options



■ Natural ■ Black

Always Available  
on Cloud



# DIP01 / DIP01C

SINGLE-BUTTON  
DOOR PANEL

## GENERAL FEATURES

- » Single touch button
- » IP65 protection for water and dust
- » Aluminium frame and ABS plastic button
- » LED lights for night view
- » Available in dark gray, natural and bronze
- » 120° wide lens
- » Cloud connection available (Please check page 8)



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<b>DOOR PANEL TECHNICAL FEATURES</b>	 <b>DIP70/DIP72</b>	 <b>DIP40</b>	 <b>DIP01/DIP01C</b>
Screen	7" IPS LCD (1024x600), unscratchable, unbreakable	4" LCD (320x240) glass surface	-
Camera	5 MP Camera, 2.8 mm lens, configurable camera angle, night view LEDs	2 MP Camera, 2.8 mm lens, configurable camera angle, night view LEDs	2 MP Camera (120 degree angle), night view LEDs
Touch	Capacitive touch panel	Capacitive touch button	Capacitive single touch button
CPU	1.5GHz, RAM 1 GB, Flash 4 GB	1.5GHz, RAM 1 GB, Flash 4 GB	1.5GHz, RAM 1 GB, Flash 4 GB
Operating System	Android	Android	Android
Transmission	TCP / IP	TCP / IP	TCP / IP
Codec	Voice G.711, Video H.264	Voice G.711, Video H.264	Voice G.711, Video H.264
Network Connection	Ethernet (PoE)	Ethernet (PoE)	Ethernet (PoE)
Working Voltage	12-24 VDC (PoE) (nominal 18VDC)	12-24 VDC (PoE) (nominal 18VDC)	12-24 VDC (PoE) (nominal 18VDC)
Working Current	300 mA Stand-by, 400 mA	300 mA Stand-by, 400 mA	200 mA Stand-by, 300 mA
Working temperature	-10, +70°C	-10, +70°C	-10, +70°C
Humidity	%20-95 (noncondensed)	%20-95 (noncondensed)	%20-95 (noncondensed)
IP Code	IP65	IP65	IP65
Installation	Flush mount or surface mount with LED frame	Flush mount or surface mount with LED frame	Surface mount
Colour	Natural, Black	White, Black	Black, Natural
Dimensions	142x370x17 mm (height on wall)	141x369x14 mm (height on wall)	120x160x30 mm
	172x403x19,9 mm (surface mount with LED frame)	172x403x19,9 mm (surface mount with LED frame)	
Face Recognition	DIP70/DIP72 Available	N/A	N/A
Cloud Connection	N/A	N/A	DIP01/DIP01C Available



How would  
you like your  
home to be  
"smart" ?

## ANDROID IP INTERCOM SMART HOME MANAGEMENT OPTIONS

### SMART HOME MANAGEMENT

1. KNX devices
2. Multitek RF wireless modules
3. Relay control



**Multitek®**

# 1. SMART HOME MANAGEMENT WITH KNX DEVICES

## Why should use **KNX** smart home system?

A world-class smart home system that offers more convenience, security, and more energy saving!

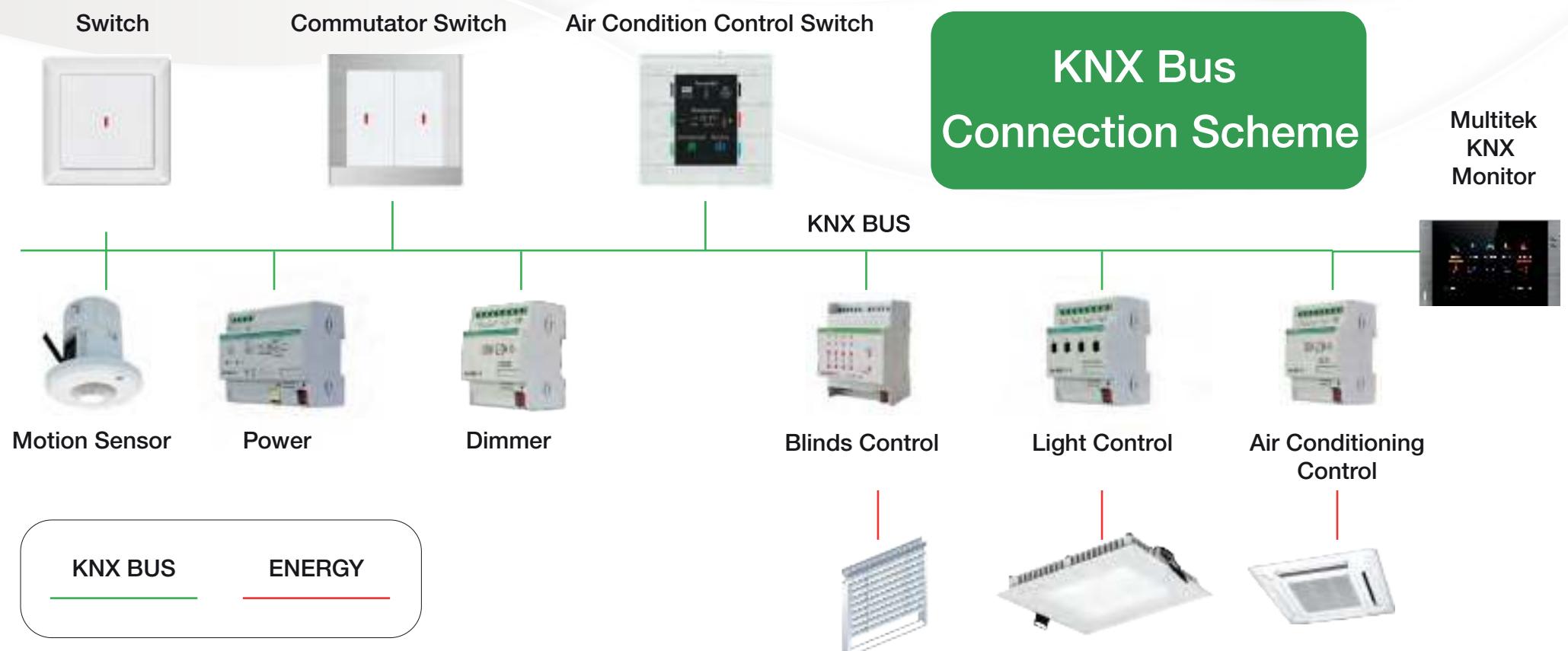
1. KNX is a home automation and smart home system protocol defined by Europe's most reliable EN 50090 standard.
2. KNX is the smart home and building automation system built by more than 240 leading companies in the world.
3. 80% of smart home systems installed in the world are KNX systems.
4. KNX is the standard of certified products, which are easy to use, easy to wire, with high security, centrally controllable, and where you can ask for assist when you have a problem.
5. It is a system that can be integrated with different building management systems by its modern, future oriented structure.
6. It is a system that has an independent substructure from manufacturer, which can supply products from different manufacturers.
7. Provides a single substructure and maximum flexibility for multiple functions.
8. it is a reliable standard, developed for energy saving.

### SOME OF THE SELECTED KNX DEVICES:

Light control	Heater / Air conditioner control
HVAC control	Audio / Video device control
water / electricity / gas control	

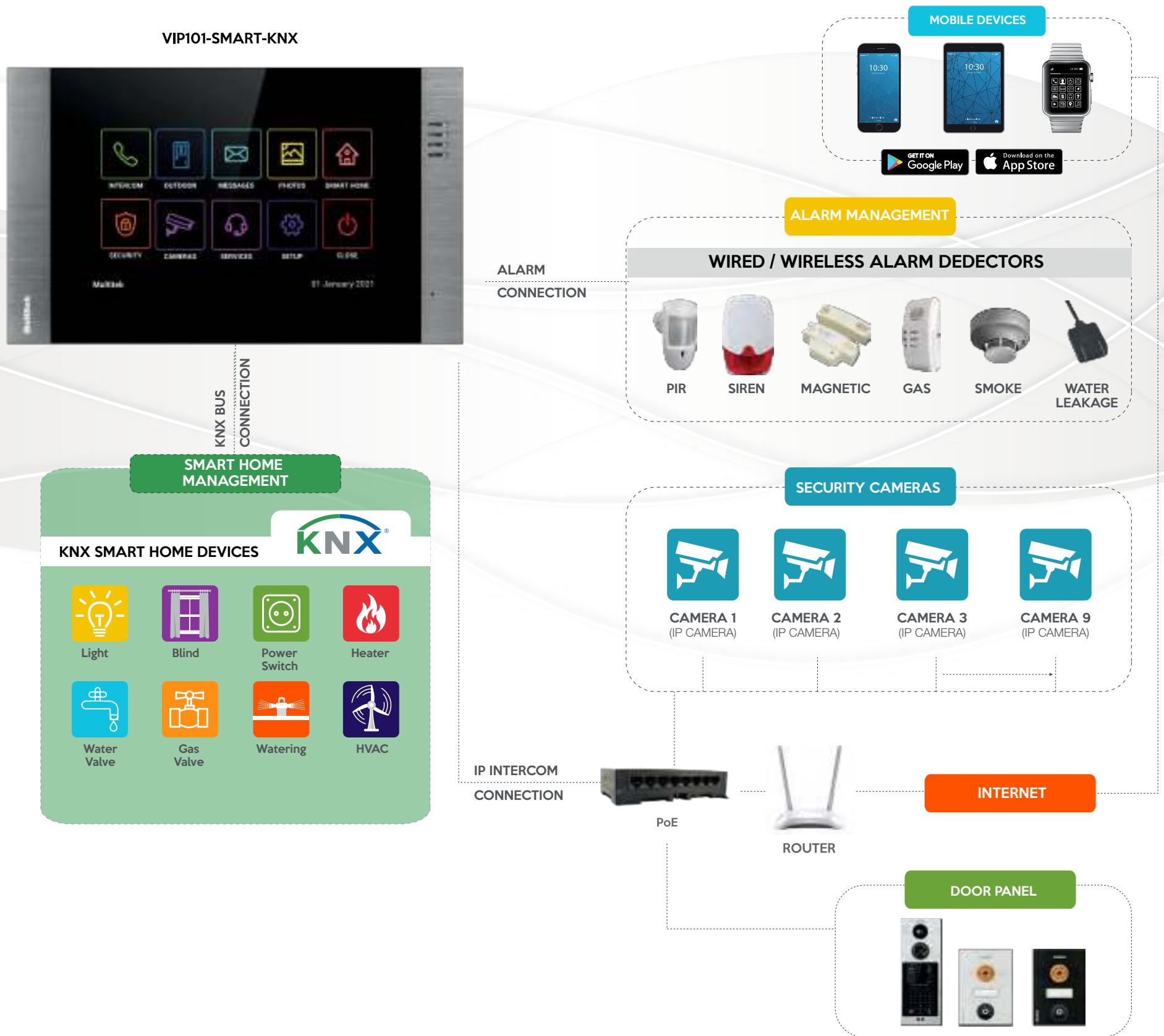
and many more...

Multitek KNX room monitors connect directly to the KNX bus and there is no limit.



# SMART HOME MANAGEMENT - KNX

## INTERCOM, ALARM, SMART HOME MANAGEMENT AND MOBILE CONTROL

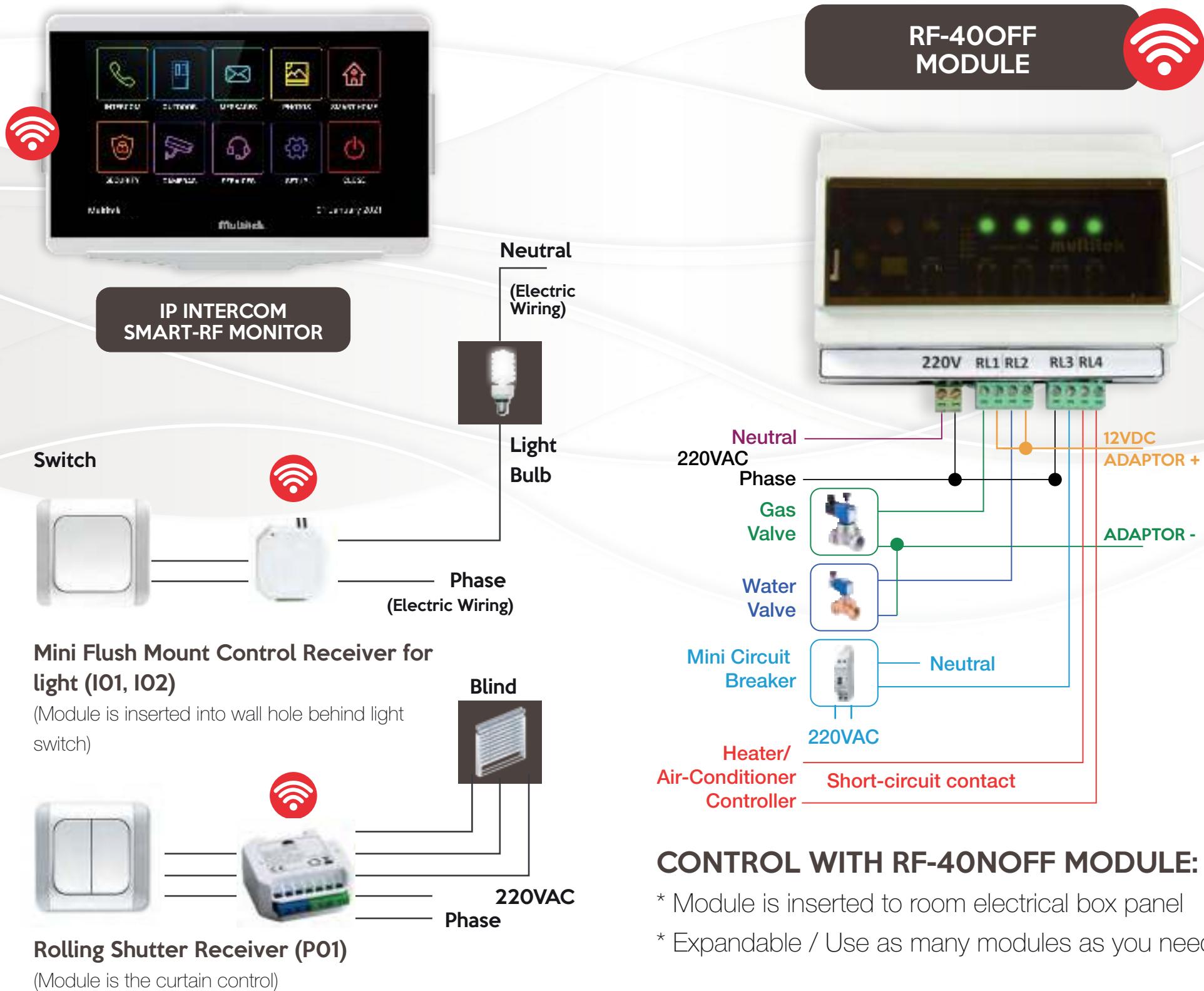


**Multitek**<sup>®</sup>

## 2. SMART HOME MANAGEMENT WITH WIRELESS RF MODULES

No wire, no wall breaking. Multitek RF Wireless modules are ready to make your home smart in no time.

Diagram of an apartment with gas, water, electricity and air conditioner control.



# SMART HOME-RF WIRELESS AUTOMATION MODULES

433 MHz, 150 meters range in open area (30 meters in closed area)

  	<p><b>RF-4 ON OFF (4 PORT ON/OFF WIRELESS MODULE)</b>          For turning on/off selected four devices (i.e electricity, gas, water etc.)          Manual turn on/off is also included          Self-learning wireless code.          Installed to din rail on electricity panel          Maximum 150 meter range</p>
  	<p><b>T01 (TEMPERATURE CONTROL)</b>          Connected to heater          Room temperature can be controlled          Works with battery</p>
  	<p><b>RPT1 (RF REPEATER)</b>          It is used to increase the control distance when the distance between devices is excessive or walled.</p>
	<p><b>LIGHT 01 (RF MODULE FOR THE SINGLE LIGHT CONTROLLER (1000W))</b>          Requires phase and neutral. Use to control any light, including LED. It is mounted to the hole of the switch and switch terminals are connected</p>
	<p><b>LIGHT 02 (RF MODULE FOR THE DUAL LIGHT CONTROLLER (2X1 1000W))</b>          Requires phase and neutral. Use to control any light, including LED. Can control two lights. It is mounted to the hole of the switch and switch terminals are connected</p>
<p><b>BLIND 01 (RF MODULE FOR THE BLINDS)</b>          Flush mount in the blind control switch hole and switch terminals are connected.</p>	

# SMART HOME MANAGEMENT - MULTITEK WIRELESS RF MODULES

VIP101-SMART-RF



## SMART HOME MANAGEMENT

### WIRELESS RF MODULES

Wireless  
433 MHz  
150 m



Light



Blind



Power Switch



Heater



Water Valve



Gas Valve



Watering



HVAC

## MOBILE DEVICES



GET IT ON Google Play | Download on the App Store

## ALARM MANAGEMENT

### WIRED / WIRELESS ALARM DETECTORS



PIR



SIREN



MAGNETIC



GAS



SMOKE



WATER LEAKAGE

## SECURITY CAMERAS



CAMERA 1 (IP CAMERA)



CAMERA 2 (IP CAMERA)



CAMERA 3 (IP CAMERA)



CAMERA 9 (IP CAMERA)

ALARM CONNECTION

IP INTERCOM CONNECTION



PoE



ROUTER

INTERNET

## DOOR PANEL

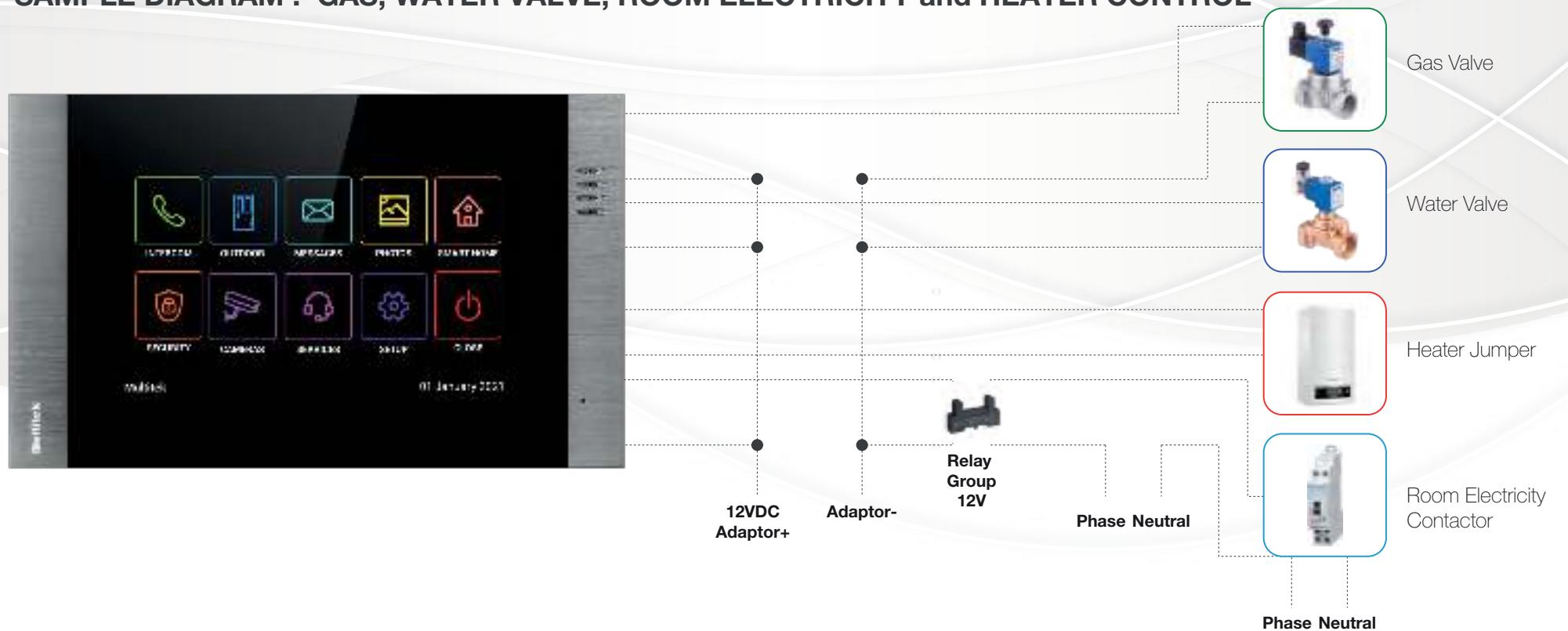


### 3. SMART HOME MANAGEMENT WITH BUILT-INSIDE RELAYS

Devices are controlled by built-in relays inserted in room monitors. Relay number can differ according to the type of the monitor.

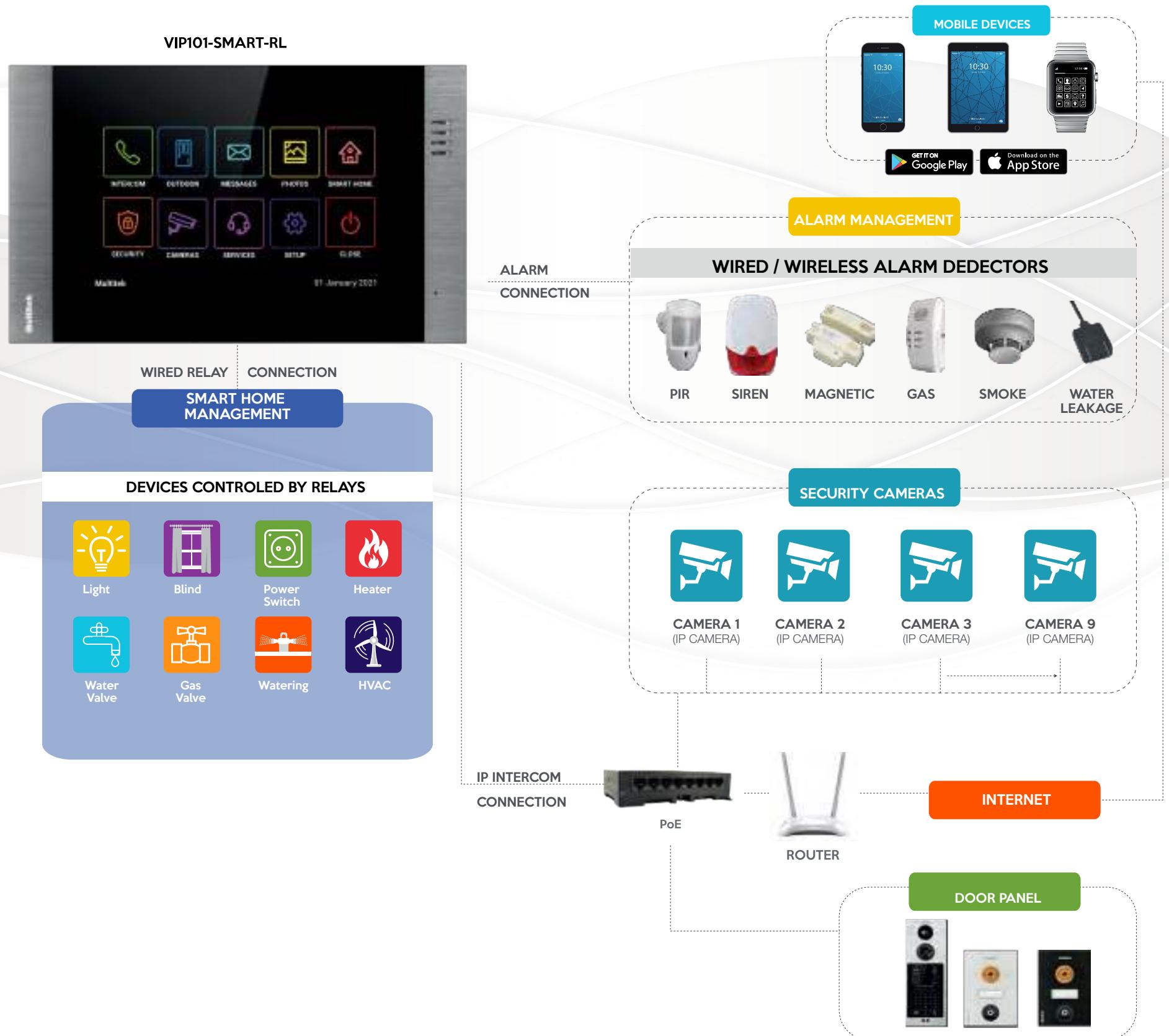
<b>VIP100 / VIP70-SMART-RL</b>	4 relay control
<b>VIP72-SMART-RL</b>	8 relay control
<b>VIP101 / VIP100-DELUX-SMART-RL</b>	16 relay control

#### SAMPLE DIAGRAM : GAS, WATER VALVE, ROOM ELECTRICITY and HEATER CONTROL



**Note:** If the room monitor relay outputs will control the devices operating with 220VAC, a rail-type relay must be placed between the monitor and the device . (for security purposes, 220VAC is not allowed to circulate within the monitor ) Rail-type relays are placed in the rails in the electric panel. An additional 12VCD adapter is also used to power the valves and rail-type relays.

# SMART HOME MANAGEMENT - RELAY CONTROL





“Stylish and  
convenient  
solution for  
prudent  
projects”



**2 - LINUX  
IP INTERCOM SYSTEM**

# LINUX IP INTERCOM SYSTEM FEATURES

Stylish and convenient solution for prudent projects



## **LINUX** IP INTERCOM SYSTEM FEATURES

- There is no limit in number rooms, floors, doors or facilities that can be connected
- There is no additional infrastructure element (server etc.) requirement
- Crystal clear voice and video quality for all rooms
- Network ethernet (PoE) connection with CAT6 cabling
- All units can call each other with no additional fee
- Voice message from door panel to rooms
- Security, gatekeeper and door connection with a single touch
- Different ring tones according to call types
- Voice assistance (busy, keypad notes etc.)
- Screenshots of door calls (100 without SD card)
- Unique password or proximity card for each room to unlock door
- Alarm management with 4 zones and direct report to security
- Elevator module (standart monitor with special software)
- Connected surrounding IP and CCTV cameras
- External IP camera view when security calls

**Multitek**<sup>®</sup>

Grey



# LIK35

## 3,5" TFT LCD DOOR PANEL (LINUX)

### GENERAL FEATURES

Night view LEDs	Unique password or proximity card for each room to unlock door
Security, gatekeeper and door connection with a single touch	Voice message can be left for unanswered calls
Phonebook	Voice assistance (busy, keypad notes etc.)
Unique door password for all rooms	Built-in proximity card reader
CAT6 cabling PoE	

### TECHNICAL FEATURES

Screen	3,5" TFT LCD (320x240)
Camera	1.3 MP CMOS, configurable angle, night view LEDs
Touch	Capacitive touch panel
Operating System	Linux
Transmission	TCP / IP, SIP protocol
Codec	Voice G.711, Video H.264 MPEG
Network Connection	Ethernet (PoE)
Working Voltage	12-24 VDC (PoE)
Working Current	Max. 500 mA
Door unlock	Password, proximity card
Working temperature	-20°C, +70°C,
Humidity	%20-95 (noncondensed)
Installation	Flush mount or surface mount with LED frame
Colour	Grey aluminum
Dimensions	318x130x51 mm



**Multitek**<sup>®</sup>

# LIM70

7" LCD ROOM MONITOR  
(LINUX)

Grey



## TECHNICAL FEATURES

Screen	7" TFT LCD (800x480)	Working Voltage	12-24VDC (PoE) (nominal 18VDC)	Unlimited channels / calls between rooms
Touch	Capacitive	Working Current	90 mA Stand-by, 300 mA	Different ring tones according to call types
TFT Card	Can be inserted	Working temperature	-10, +55°C	Screenshot of door calls (100 units)
Operating System	Linux	Humidity	%20-95 (noncondensed)	3 parallel monitors can be connected to each room
Transmission	TCP / IP	Installation	Surface mount	Do not disturb mode
Codec	Voice G.711, Video H.264	Colour	Grey	Emergency call icon
Network Connection	Ethernet (PoE)	Dimensions	210x140x20 mm	PoE connection with CAT6 cabling

## GENERAL FEATURES

**Multitek**<sup>®</sup>



# LI-GUV01

7" LCD SECURITY CONSOLE  
(LINUX)

Grey



## TECHNICAL FEATURES

Screen	7" TFT LCD (800x480)
Touch	Capacitive
TFT Card	Can be inserted
Operating System	Linux
Transmission	TCP / IP
Codec	Voice G.711, Video H.264
Network Connection	Ethernet (PoE)

Working Voltage	12-24 VDC (PoE) (nominal 18VDC)
Working Current	90 mA Stand-by, 300 mA
Working temperature	-10, +55°C
Humidity	%20-95 (noncondensed)
Installation	On desk
Colour	Grey
Dimensions	326x206x56 mm

## GENERAL FEATURES

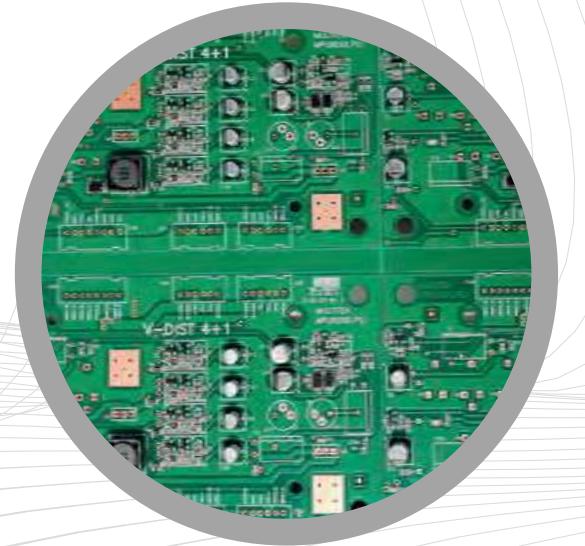
Integrated handset
Log of calling / called numbers
Broadcasting messages to all rooms
CCTV camera connection
PoE connection with CAT6 cabling
Standing on desk



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# IP SYSTEM ACCESSORIES

							
<p><b>IS-40</b> DIP40 / DIP70 door panels Light frame (75 RGB LEDs colour programable)</p> <p>(Only Android)</p>	<p><b>IS-50</b> WALL MOUNT FRAME It is used to mount DIP40/DIP70 on wall</p> <p>(Only Android)</p>	<p><b>ACI-30</b> DIP40 / DIP70 rotating aparat It is used to mount DIP40/DIP70 with 30 angle</p> <p>(Only Android)</p>	<p><b>PS-18E 18VDC/3.3A ADAPTOR</b> (System Power Source ) Can support up to 6 STD monitors or 4 alarm/ smart monitors. One to one match with SWITCH8-PoE.</p>	<p><b>RJ45 PLUG</b> RED Colour PLUG for CABLING CAT6 (Mandatory for smooth installation)</p>	<p><b>PS19-SWITCH 8+2 ADAPTOR+ SWITCH</b> 18VDC/120W, 8 PORT SWITCH, 2 UP/DOWNLINK PORTS (1 for 8 rooms)</p>	<p><b>SWITCH8-POE POE-8 ETHERNET SWITCH</b> Each port feeds a single device</p>	<p><b>SWITCH24-POE POE-24 ETHERNET SWITCH</b> Each port feeds a single device</p>
				<b>SOFTWARE</b>			
<p><b>ASN1</b> All type of IP monitors or IP phones can be used as elevator help monitor.</p>	<p><b>T21 E2 SIP</b> IP telephone with SIP protocol can be connected to IP network (can be used in the elevator module as well)</p>	<p><b>PROK - K PROXIMITY CARD or PROXIMITY KEY</b></p>	<p><b>CIP13-BP500 1.3 MP BULLET IP camera</b> (Building / block security camera) Note: ONVIF IP should be used for compatibility.</p>	<p><b>SITE-IP-GUV</b> Required for alarm management. SERI-USB DONGLE is included. Uploaded to desktop computer.</p> <p>(Only Android)</p>	<p><b>ACCES MANAGEMENT</b> Access management system with proximity card control and management.</p> <p>(Only Android)</p>	<p><b>IP-AS-CALL</b> (One for each block) Calling elevator to defined floor from indoor IP monitor</p> <p>(Only Android)</p>	<p><b>LIP-03 ROOM/ VILLA INDOOR PANEL</b> 900 TVL, 120°C angle, night vision (142x44x21 mm)</p> <p>(Only Linux)</p>



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