

**KOCOM**  
Digital Home Network System



**HOME MANAGER**  
Intelligent Digital Home Network System



**KOCOM Products**

Home Network  
Home Automation  
Videophone  
CCTV  
Interphone & Doorphone  
Multimedia



**KOCOM Certification**



**KOCOM**

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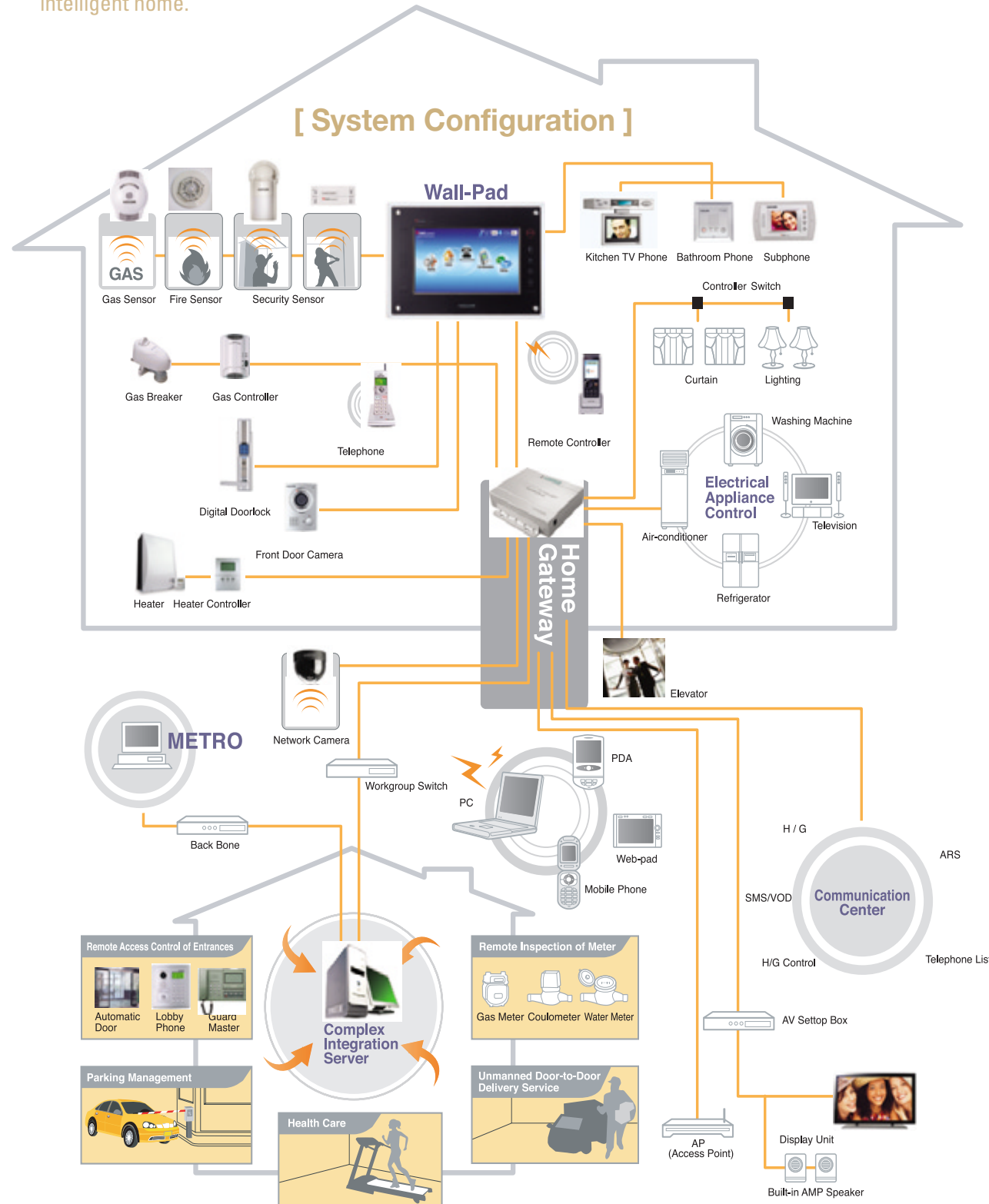
**KOCOM Products**

Home Network System  
Home Automation System  
Videophone  
Doorphone & Interphone  
CCTV System  
Multimedia

# Type I

## High-end Home Network Solution

Chiefly composed of main display (KHN-880 / 870 / 671 Wall-pad) and the home gateway comprehending inside and outside home network, KOCOM high-end Home Network Solution wholly provides major services indispensable for realizing highly elegant intelligent home.



# Home Network

Type I / Type II

Touch Wall-pad Home Network



Home Network Wall-pad

### KHN-880 Series

- 10" TFT LCD Touch Screen (GUI)
- Remote Control of Entrances (Access Control)
- Security and Accident Detection System
- Control of Household Appliances & Living Equipment
- Home Entertainment : wired and Wireless Network
- Unmanned Security & Parking Control
- Mutual Calling & Conversation between residents
- Life information / Telephone
- Elevator call service (Option)

Touch Wall-pad Home Network



Home Network Wall-pad

### KHN-870 Series

- 7" TFT LCD Touch Screen (GUI)
- Remote Control of Entrances (Access Control)
- Security and Accident Detection System
- Control of Household Appliances & Living Equipment
- Home Entertainment : wired and Wireless Network
- Unmanned Security & Parking Control
- Mutual Calling & Conversation between residents
- Life information / Telephone
- Elevator call service (Option)

Touch Wall-pad Home Network



Home Network Wall-pad

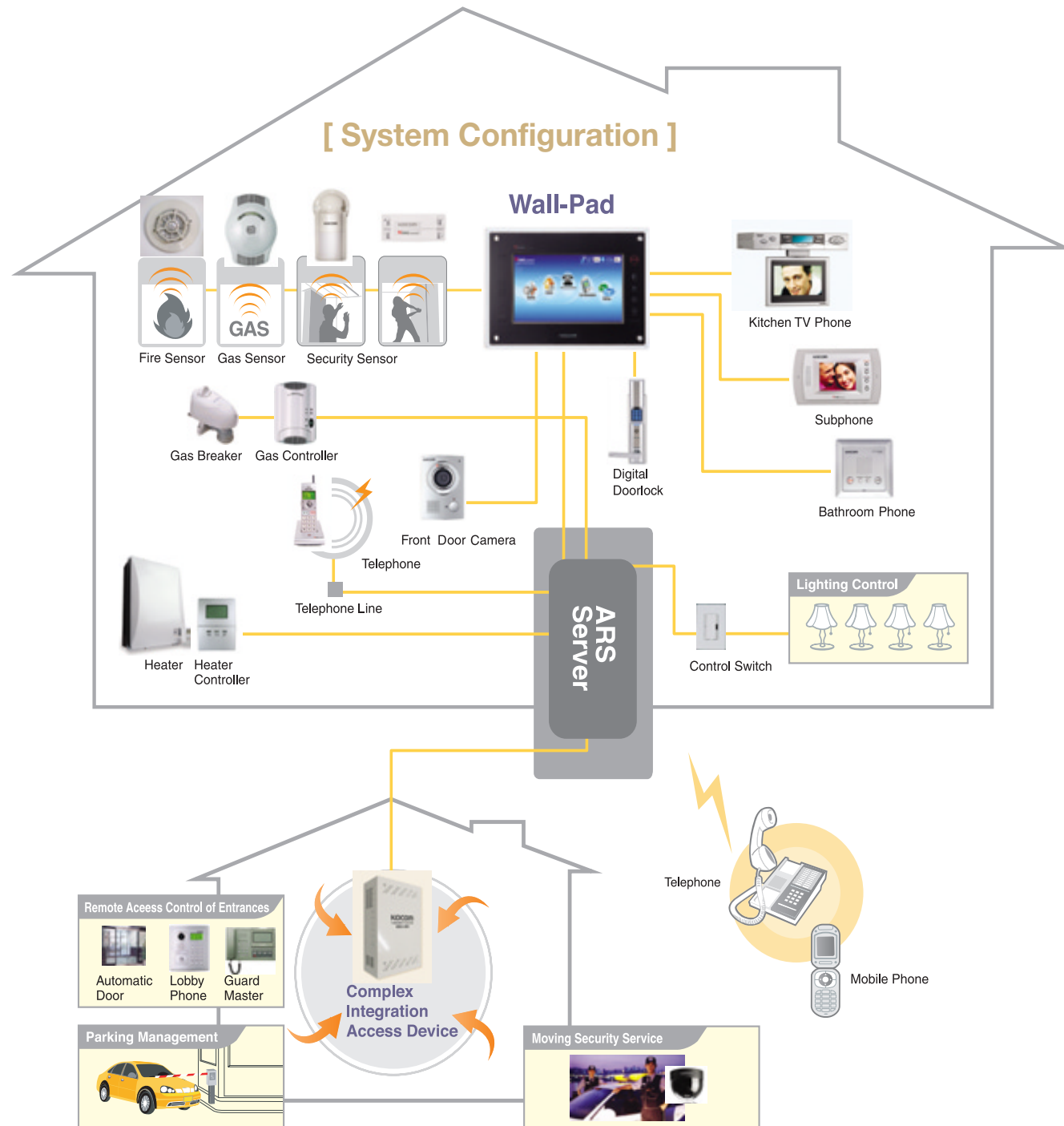
### KHN-671 Series

- 7" TFT LCD Touch Screen (GUI)
- Remote Control of Entrances (Access Control)
- Security and Accident Detection System
- Control of Household Appliances & Living Equipment
- Home Entertainment : wired and Wireless Network
- Unmanned Security & Parking Control
- Mutual Calling & Conversation between residents
- Life information / Telephone
- Elevator call service (Option)

# Type II

## General Home Network Solution

This solution is a cost-effective home network solution which is equipped with all basic functions for home automation around home security.



### Home Gate way Home Network



IP Broadband Gateway  
**KGW-1000**

- Home Control Function : Lights, Heater, Gas, Curtain and Electrical Appliance (Option)
- Network Function : Switching Hub (10/100 Mbps), VPN, NAT/IP Masquerading, DHCP Server & Client, FTP Server & Telnet Client, Web Serve, PPPoE, QoS (SPQ, WRR), IGMP Proxy & Snooping
- Interface : RS485, PLC (Z-256 / Lonworks, LnCP), RF (447.725MHz, FSK type), ZigBee(Optional), WLAN (IEEE 802.11a/b/g, Option), EIB (Option)
- Routing : Static Routing, RIP v2, Unicasting, Multicasting & Broadcasting, VLAN (IEEE 802.1q)



Smart Home Gateway  
**KHG-1000**

- Home Control Function : Lights, Heater, Gas, Curtain and Electrical Appliance (Option)
- Network Function: Switching Hub (10/100 Mbps), NAT/IP Masquerading, DHCP Server & Client, Web Server
- Interface : RS485, PLC (Z-256 / Lonworks, LnCP), WLAN (IEEE 802.11a/b/g, Option), EIB (Option)

### Accessories Home Network



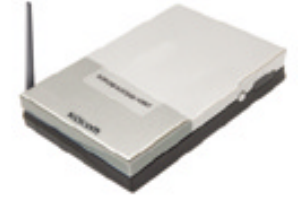
Sub Phone  
**KSP-230**

- Communication with private door camera / Door open
- Calling guard office
- Lobby phone communication / Door open
- Emergency call function



Touch Web-pad  
**Web-Pad**

- 10.4" TFT LCD Touch Screen
- Wireless internet connection
- Total remote controller
- Management of personal information
- Home controller (Home appliances, lights, etc)



Wireless Access Point  
**AP**

- AP acts as a communication hub for users of a wireless device to connect to a wired LAN
- It provides heightened wireless security and extends the physical range of service a wireless user has access to

### Controller Home Network



800MHz Wireless Telephone  
**KCP-900T**

- Wireless telephone
- Call & communication with other resident, visitor & guard
- Door open function (Front door & Common gate)



IRDA Type Remote Controller  
**Remote Controller**

- Light ON/OFF
- Heater ON/OFF
- Gas valve Close
- Security mode Set / Release
- Light ON/OFF (Dimming)
- Heater, airconditioner & TV ON/OFF
- Gas valve Close
- Curtain Control
- Security mode Set/Release

### Sensor Home Network



Sensor  
**Sensor**

- Gas leakage sensor
- Motion sensor
- Burglar sensor
- Fire sensor

### Lobby & Master Home Network



Integrated Access Device  
**KHU-305**

- Access & communication main device between each apartment, guard master and integrated access device
- Upto 960 apartments and 80 Lobby phones (Entry Access Panel) connection



Lobby Phone (Entry Access Panel)  
**KLP-305**

- Call & communication with resident & guard
- LCD display (apartment no. & communication status)
- Gate open by password & RF card (Option)
- Lobby phone based in SIP (Option)

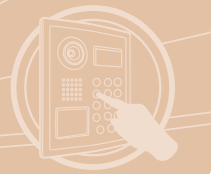


Guard Office Master  
**KAM-305**

- Call & communication with resident & visitor
- LCD display (apartment no. & event details display in the call & event)
- Gate open in communication with visitor
- Parking management system interlocking (Option, RS485)

# Home Automation

Hands Free / Bathroom Phone  
Door Lock / Kitchen TV Phone

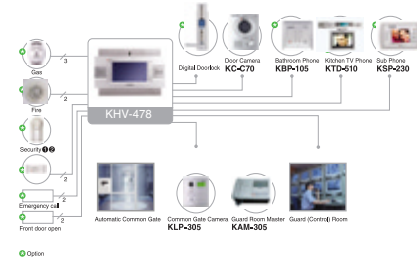


## Hands Free Type Home Automation



### DSP Hands Free Type KHV-478

- Color 7" TFT LCD
- Function to identify visitor and prevent crime (fire, gas, security sensor)
- Function to open common gate as well as household door
- Available communication with guard
- Available identifying absent households at guard room
- Emergency call / Telephone function

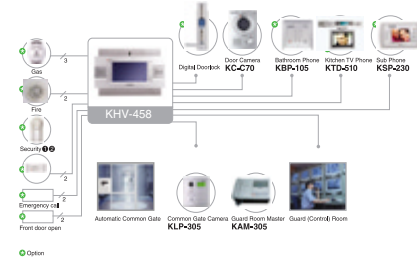


## Hands Free Type Home Automation



### DSP Hands Free Type KHV-458

- Color 5" TFT LCD
- Function to identify visitor and prevent crime (fire, gas, security sensor)
- Function to open common gate as well as household door
- Available communication with guard
- Available identifying absent households at guard room
- Emergency call / Telephone function

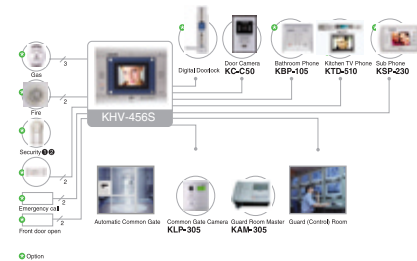


## Hands Free Type Home Automation



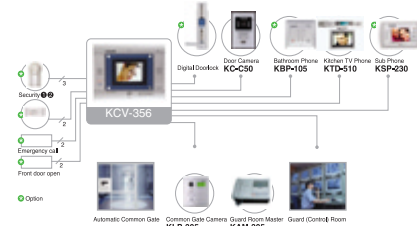
### DSP Hands Free Type KHV-456S

- Color 5" TFT LCD
- Function to identify visitor and prevent crime (fire, gas, security sensor)
- Function to open common gate as well as household door
- Available communication with guard
- Available identifying absent households at guard room
- Emergency call / Telephone function



### DSP Hands Free Type KCV-356

- Color 5" TFT LCD
- Function to identify visitor and prevent crime
- Function to open common gate as well as household door
- Available communication with guard
- Available identifying absent households at guard room
- Emergency call function



## Bathroom Phone Home Automation



### Bathroom Phone KBP-100

- Private door camera / lobby phone communication
- Emergency call
- Receiving the general phone
- Water proof cover



### Bathroom Phone KBP-105

- Private door camera / lobby phone communication
- Door open
- Emergency call
- Receiving the general phone
- Water proof cover

## Door Lock Home Automation



### Button Key Type KDL-T1

- I-Button touch key & Access code
- Anti-prank feature
- Panic (One touch open)
- Dual & compulsory locking mode
- Manual unlocking mode



### RF Card Type KDL-C1

- RF card & Access code
- Anti-prank feature
- Panic (One touch open)
- Dual & compulsory locking mode
- Manual unlocking mode



### Finger Print Type KDL-F1

- Finger print & Access code
- Anti-prank feature
- Panic (One touch open)
- Dual & compulsory locking mode
- Manual unlocking mode

## Kitchen TV Phone Home Automation



### Kitchen TV Phone KTD-505

- 5" color TFT LCD
- Handsfree telephone function
- Auto scanning for TV & Radio
- Message recording
- Time, channel & condition display
- Interlocking with Home Network & Automation System
- Call & communication with visitor (door open) & guard



### Kitchen TV Phone KTD-510

- 7" color TFT LCD
- Handsfree telephone function
- Auto scanning for TV & Radio
- Message recording
- Time, channel & condition display
- Interlocking with Home Network & Automation System
- Call & communication with visitor (door open) & guard

# Video Phone

Multi-Entry System / Hands Free Type  
B/W Type / Memory Type



## Multi-Entry System Home Videophone



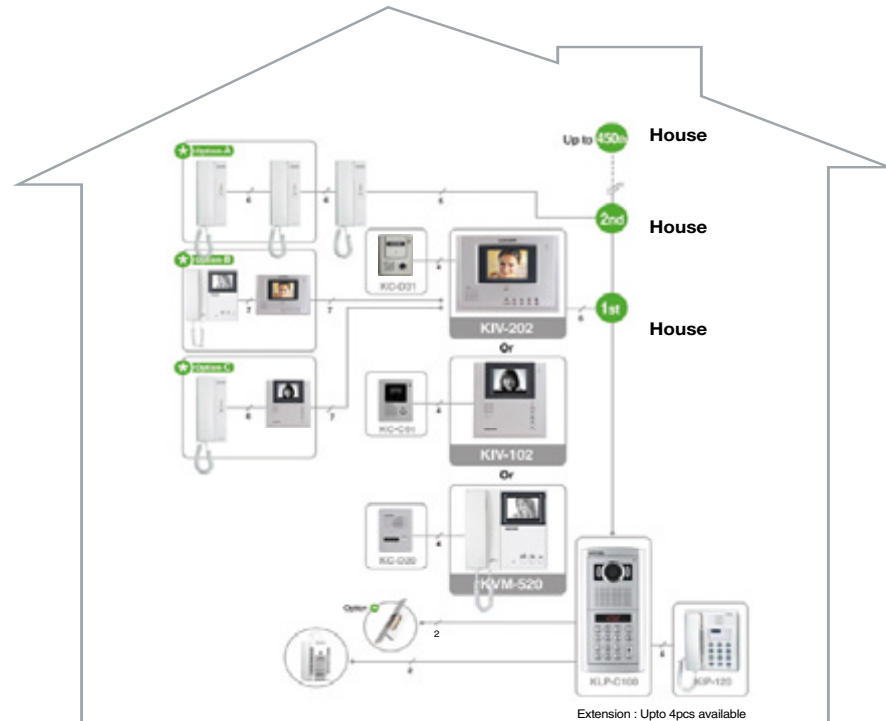
### Normal Lens Type Common gate camera

- Ⓒ KLP-C100(Color) / 100(B/W) Ⓓ KLP-C104(Color) / 104(B/W)
- Ⓔ KLP-C108(Color) / 108(B/W) Ⓕ KLP-C112(Color) / 112(B/W)



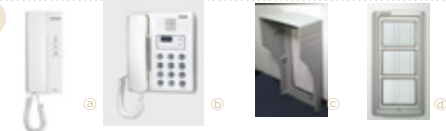
### Pinhole Lens Type Common gate camera

- Ⓒ KLP-P100(B/W) Ⓓ KLP-P104(B/W)
- Ⓔ KLP-P108(B/W) Ⓕ KLP-P112(B/W)



### [ Accessory ]

- Ⓒ Audio handset KIP-603
- Ⓓ Guard master KIP-120
- Ⓔ Sunvisor KLP-SV50
- Ⓕ Name index KLP-N150

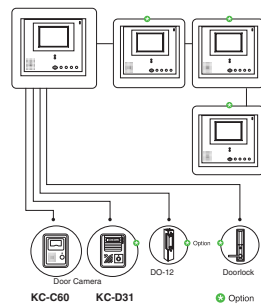


## Hands Free Type Home Videophone



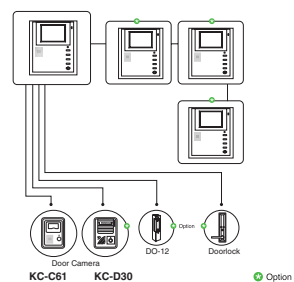
### Hands Free Type KIV-202 / D202

- 4" TFT LCD Color Handsfree VDP
- For single house & multi apartment
- Internal call & conversation function between extended indoor units in a house
- Door open (front door & common gate) function
- KIV-202 : AC type / KIV-D202 : DC type
- 2 Camera connection (front door camera)

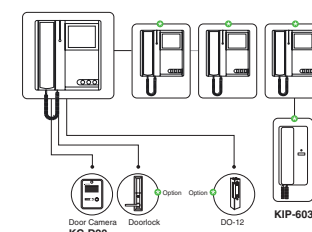


### Hands Free Type KIV-102 / D102

- 4" CRT B/W Handsfree VDP
- For single house & multi apartment
- Internal call & conversation function between extended indoor units in a house
- Door open (front door & common gate) function
- KIV-102 : AC type / KIV-D102 : DC type
- 2 Camera connection (front door camera)



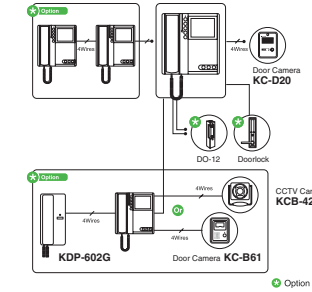
## B/W Type Home Videophone



### B/W Type Phone KVM-520

- 4" CRT B/W VDP
- For single house & multi apartment
- Internal call & conversation function between extended indoor units in a house
- Door open (common gate) function

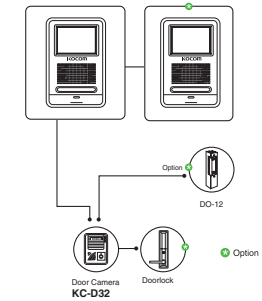
## Memory & B/W Type Home Videophone



### Memory Type Phone KVM-524RG / 514RG

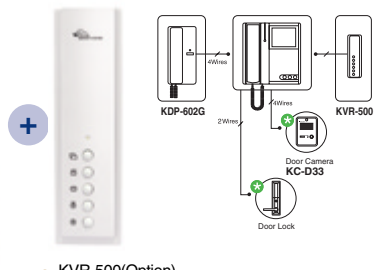
- 4" CRT B/W VDP
- 64 cut memory VDP
- Internal call & conversation function between extended indoor units in a house
- Door open function
- KVM-524RG : AC type, KVM-514RG : DC type
- 2 Camera connection

## Hands Free Type Home Videophone



### Hands Free Type Phone KCV-350 / D350

- 3.5" TFT LCD color handsfree VDP
- Compact size & convenient design
- Door open function
- Door release from camera (KC-D32, metal pinhole camera)
- KCV-350 : AC type / KCV-D350 : DC type



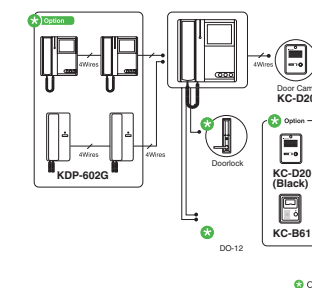
### Memory Type Phone KVM-534

- 4" CRT B/W VDP
- Internal call & conversation between extended indoor units in a house
- Up to 3 monitor including audio sub phone with a camera extension available

### KVR-500

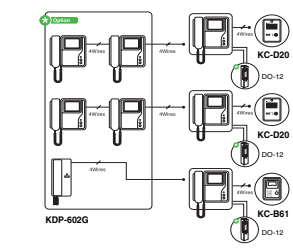
- External memory equipment (32M DRAM)
- Upto 64 cut frame record
- Play & record (manual & automatic) function
- Date setting (year/month/day)
- Connection with KVM-534 monitor

## B/W Type Home Videophone



### Memory Type Phone KVM-524GS / 514GS

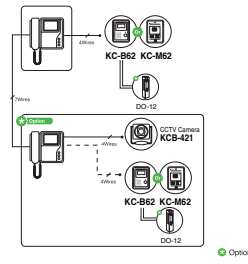
- 4" CRT B/W VDP
- Internal call & conversation function between extended indoor units in a house
- Door open function
- KVM-524GS : AC type / KVM-514GS : DC type



### B/W Type Phone KVM-604

- 4" CRT B/W VDP
- Audio + video conversation with visitor
- Door open function

**B/W Type** Home Videophone



**B/W Type phone**  
**KVM-624**

- 4" CRT B/W VDP
- Up to 2 monitor and 2 front door cameras connection
- Audio + video conversation with visitor
- Door open function

**Common Gate Camera** Home Videophone



**Multi-entry Type**  
**KLP-304 / 308 / 312 / KLP-P304 / P308 / P312**

- 1/3" CCD B/W camera
- Metal anti vandal proof camera
- Door lock connection from camera / Flush mounting
- Upto 4 apartments : KLP-304 / KLP-P304
- Upto 8 apartments : KLP-308 / KLP-P308 / Upto 12 apartments : KLP-312 / KLP-P312
- Normal lens type : KLP-304, 308, 312 series / Pinhole lens type : KLP-P304, P308, P312 series

**Multi-entry Type** Home Videophone

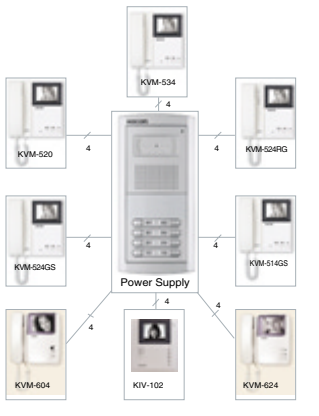


Ⓐ KC-MC12 (Color)  
Ⓑ KC-MB12 (B/W)  
Ⓒ KC-MC14 (Color)  
Ⓓ KC-MB14(B/W)

**Multi-entry Type**  
**KC-MC12 / 14 / KC-MB12 / 14**

- 1/3" CCD B/W / Color camera
- Rain proof, metal anti vandal proof pinhole camera
- Door lock connection from camera
- Flush & surface mounting
- Upto 2 apartments : KC-MC12 / KC-MB12
- Upto 4 apartments : KC-MC14 / KC-MB14

**[ KLP-3XX Series camera ]**  
connection diagram



**[ KC-MC14 / MB14 Series ]**  
connection diagram



**Door Camera** Home Videophone



**Color Door Camera**  
**KC-C50** Flush Mount Type



**Door Camera**  
**KC-C60** KC-C60 (Color)  
KC-C61 (B/W)



**Door Camera**  
**KC-B61** KC-B61 (B/W)  
KC-B62 (B/W)



**Door Camera**  
**KC-D31**  
• KC-D31/D32 (Color)  
KC-D30 (B/W)



**Door Camera**  
**KC-MB20**  
• KC-MC20 (Color)  
KC-MB20 (B/W)



**Door Camera**  
**KC-D20(B/W)**

# Doorphone & Interphone

Multiple & Single Doorphone  
Multiple Outdoor Panel

**Multiple & Single Doorphone** Doorphone & Interphone



**Multiple Doorphone**  
**KIP-603/KDP-100/104/108/112**

- For multi apartment, condominium & villa system, upto 450 houses are available
- Up to 3 indoor extension in a house
- Internal call & conversation function between extended indoor units in a house
- Audio conversation with visitor
- Door open (common gate) function
- Call & conversation function with guard master (KIP-120)



**Multiple Doorphone**  
**KDP-205/KLP-1000**

- For multi apartment, condominium & villa system, upto 585 houses are available
- Audio conversation with visitor
- Door open (common gate) function
- Call & conversation function with guard (KLP-1000)
- Door open function by access code
- Firm metal body case with new modern design
- Up to 2pcs of common gate panel connection in a building



**Doorphone**  
**KIP-222/KDP-602A/D**

- Duplex interphone & doorphone
- Audio conversation with visitor
- Internal call & conversation with extended units
- Gentle electronic sound (separate call sound)
- Easy installation (mount on the wall or desk)
- Triplex interphone & doorphone
- Upto 2 audio handset with 1 outdoor panel connection
- Same function with KIP-222

**Doorphone** Doorphone & Interphone



Ⓐ DP-203HA  
Ⓑ DP-203HD  
Ⓒ KDP-501A  
Ⓓ KDP-501D  
Ⓔ KDP-601A  
Ⓕ KDP-601D

**Doorphone**  
**DP-203HA / KDP-501A / KDP-601A**

- Audio conversation with visitor
- Door open function
- Upto 3 audio handset with outdoor panel connection
- Gentle electronic sound
- 4 melody selection (DP-906H)
- Easy installation (mount on the wall or desk)
- DC 12V Type available : DP-203HD (DC 12V)

**Outdoor Panel Series** Doorphone & Interphone



Ⓐ MSD-1B Ⓑ MSD-2B Ⓒ MSD-3B Ⓓ MSD-4B

**MSD-1B/2B**  
**MSD-3B/4B**

- Aluminum outdoor panel
- 1 house (MSD-1B)
- Upto 2 house (MSD-2B)
- Upto 3 house (MSD-3B)
- Upto 4 house (MSD-4B)



• KC-MD12 • KC-MD14

**KC-MD12/14**

- Rain proof, metal anti vandal proof
- Flush & surface mounting
- Upto 2 house (KC-MD12)
- Upto 4 house (KC-MD14)



Ⓐ MSD-1B  
Ⓑ DS-2D  
Ⓒ MS-2D(S)  
Ⓓ MS-2D(B)  
Ⓔ KC-MD10  
Ⓕ KC-MD20

**Interphone** Doorphone & Interphone



Ⓐ IP-201P  
Ⓑ KIP-501P  
Ⓒ KIP-601P

**Interphone**  
**IP-201P / KIP-501P / KIP-601P**

- Duplex interphone
- Gentle electronic sound
- Easy wiring & installation (mount on the wall or desk)

**Multiple Interphone** Doorphone & Interphone



Ⓐ KIP-612MBL  
Ⓑ IP-200PC

**Interphone**  
**KIP-612MBL/IP-200PC**

- 12Ch Multiple interphone
- Master & sub phone system
- Master : KIP-612MBL
- Sub : IP-200PC
- Gentle electronic sound
- Easy wiring & installation (mount on the wall or desk)



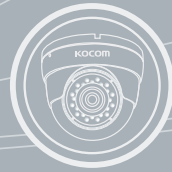
Ⓐ KIP-611PG  
Ⓑ KIP-605PG  
Ⓒ DS-4M

**Multiple Interphone**  
**KIP-611PG/605PG**

- 5 Ch multiple interphone : KIP-605PG
- 11 Ch multiple interphone : KIP-611PG
- Single or multiple connection
- All master intercom system
- Paging function
- Gentle electronic sound
- Easy wiring & installation (mount on the wall or desk)
- Outdoor panel, DS-4M connection

# CCTV

Speed Dome / Zoom / C & CS Mount / IR Day & Night / Dome / Day & Night & Fixed  
Pipe Camera / Wireless Camera / DVR / LCD Display / Accessory / Lens / Borad



## Zoom Camera CCTV



### Speed Dome Indoor Type KZC-SPT261

- Speed Dome camera (26 X Zoom)
- 64 preset position
- Rotating angle (speed)
- Pan : 360° (270° / sec)
- Tilt : 90° (110° / sec)



### Speed Dome Outdoor Type KZC-SPT261

- Speed Dome camera (26 X Zoom)
- 64 preset position
- Rotating angle (speed)
- Pan : 360° (270° / sec)
- Tilt : 90° (110° / sec)



### Zoom Camera Module KZC-260

- 26 X Zoom camera module
- 1/4" Sony Super HAD (480TVL)



### Zoom Camera KZC-261

- 26 X Zoom camera
- 1/4" Sony Super HAD (480TVL)

## C & CS Mount CCTV



### Small Camera KCC-S41/KCC-S27

- Color ultra small C & CS Mount camera
- 1/3" Sony Super HAD
- KCC-S41 (480TVL), KCC-S27 (380TVL)



### Day & Night Camera KCC-D41/D27/41/27

- True Day & Night camera (KCC-D41 / D27)
- Normal camera (KCC-41 / 27)
- 1/3" Sony Super HAD
- KCC-D41 / 41 (480TVL), KCC-D27 / 27 (380TVL)



### Day & Night Camera KCC-340/KCB-340

- True Day & Night camera
- 1/3" Sony Super HAD
- KCC-340 : Color (480TVL) / KCB-340 : B/W (600TVL)

## IR Day & Night CCTV



### IR Day & Night Varifocal Camera KCC-IRV99

- 1/3" Sony Super HAD (480TVL)
- IR LED 75 EA, Varifocal Lens (f:4-9mm)



### IR Day & Night Dual Camera KCC-IRD99

- Dual (Color, B/W) mode camera
- 1/3" Sony Super HAD (480TVL)
- IR LED 75EA



### IR Day & Night Varifocal Camera KCC-IRV24

- 1/3" Sony Super HAD (480TVL)
- IR LED 24 EA, Varifocal Lens (f:4-9mm)



### IR Day & Night Camera KCC-3000

- 1/3" Sony Super HAD (480TVL)
- IR LED 49 EA



### IR Day & Night Dual Camera KCC-IRD75

- Dual (Color, B/W) mode camera
- 1/3" Sony Super HAD (480TVL)
- IR LED 75EA



### IR Day & Night Camera KCC-IR75

- 1/3" Sony Super HAD (480TVL)
- IR LED 75EA



### IR Day & Night Camera KCC-IR49H/IR49N

- 1/3" Sony Super HAD
- IR LED 49EA
- KCC-IR49H (480TVL)
- KCC-IR49N (380TVL)



### IR Day & Night Camera KCC-IR10/IR10S

- 1/3" Sony Super HAD (380TVL)
- IR LED 10EA

## Dome CCTV



### Fixed Dome KCC-D400/D300/KCB-D300

- Color & B/W Dome camera
- 1/3" Sony Super HAD
- KCC-D400 (480TVL), KCC-D300 (380TVL)
- KCB-D300 (B/W, 380TVL)



### Mini Pan & Tilt Camera KCC-PT400

- 1/3" Sony Super HAD (480TVL)
- 3x digital zoom, RS485
- Rotating angle (speed)
- Pan : 320° (35° / sec)
- Tilt : 90° (30° / sec)



### Vandal Proof Armor KCC-VP400

- 1/3" Sony Super HAD (480TVL)
- Poly carbonate dome cover



### IR Day & Night Vandal Proof Armor KCC-VP400 ARIR

- 1/3" Sony Super HAD (480TVL)
- Poly carbonate dome cover
- IR LED 21EA



### IR Day & Night Varifocal Vandal Proof KCC-IRVP400V/IRVP300V

- 1/3" Sony Super HAD
- IR LED 24EA, Varifocal lens (f: 4-9mm)
- KCC-IRVP400V (480TVL), KCC-IRVP300V (380TVL)



### IR Day & Night Vandal Proof KCC-IRVP400F/IRVP300F

- 1/3" Sony Super HAD
- IR LED 24EA
- KCC-IRVP400F (480TVL), KCC-IRVP300F (380TVL)



### IR Day & Night Vandal Proof KCC-ISD400/ISD300

- 1/3" Sony Super HAD
- IR LED 11EA
- KCC-ISD400 (480TVL), KCC-ISD300 (380TVL)

## Miniature Square CCTV



### Miniature Square KCC-401/P401

- 1/4" Sony Super HAD (380TVL)



### Miniature Square KCC-421/P421(Color) KCB-421/P421(B/W)

- 1/3" (Color & B/W) Sony Super HAD (380TVL)



### IR LED Under Water Bullet Camera KCC-1000W

- 1/3" Sharp CCD (380TVL)
- IR LED 7EA



### Water Proof Bullet Camera KCC-IRB27/KCC-RB27

- 1/3" Sony Super HAD (380TVL)
- IR LED 9EA (KCC-IRB27)

## Bullet CCTV



### Day & Night Bullet Camera KCC-DB41/B41/B27

- 1/3" Sony Super HAD
- KCC-DB41 (Day & Night, 480TVL)
- KCC-B41 (480TVL), KCC-B27 (380TVL)



### Varifocal Bullet Camera KCC-VB41

- 1/3" Sony Super HAD (480TVL)
- Varifocal lens (f: 4-9mm)



### Mini Pipe Camera KCC-21CH

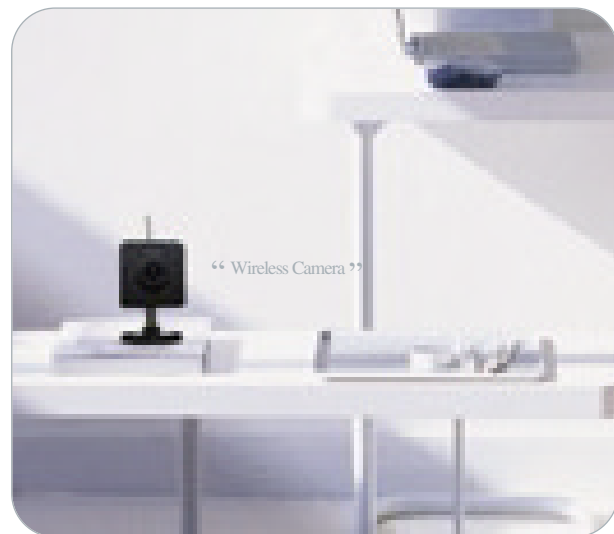
- 1/3" Sharp CCD (480TVL)



### Mini Pipe Camera KCB-1000W

- B/W 1/3" Sony CCD (380TVL)
- KCB-1000W : water proof, IR LED 8EA
- KCB-100W : weather proof
- KCB-100P : pinhole lens

**2.4GHz Wireless Camera** CCTV



Wireless Dome Camera  
**KCC-WD400**  
• 1/3" Sony Super HAD (480TVL)



Wireless Miniature Camera  
**KCC-W421**  
• 1/3" Sony Super HAD (380TVL)



Wireless Color Camera  
**KCC-W41**  
• 1/3" Sony Super HAD (480TVL)



Wireless IR Day & Night  
**KCC-WIR10**  
• 1/3" Sony Super HAD (380TVL)



2.4GHz Wireless Receiver  
**RX-2400**  
• 4CH receiver



2.4GHz Wireless Receiver  
**AWRX-1000**  
• 4CH receiver

**DVR & Other System** CCTV



PC Base Digital Video Recorder

**KRS-Series**

- MPEG-4 Compression
- KRS-1104 (4CH, 120 / 120fps)
- KRS-4116 (16CH, 480 / 120fps)
- KRS-4416 (16CH, 480 / 480fps)
- KRS-2209 (9CH, 270 / 270fps)
- KRS-4216 (16CH, 480 / 240fps)



Keypad Controller  
**BKP-210**  
System Keypad  
Joystick Controller

- Interlocking model
- Standalone DVR (KRS-SD900 / SD1600)
- Speed dome camera (KZC-SPT261)
- Zoom camera (KZC-261)



Stand Alone Type  
**KRS-SD900 / SD1600**

- Triplex, MPEG-4
- 120 / 120fps, Network support
- KRS-SD900 : 9CH, KRS-SD1600 : 16CH



Stand Alone Type  
**KRS-SD4500**

- Triplex, 4CH, MPEG-4
- 120 / 120fps, Network support



Stand Alone Type  
**KDS-7220XM / 7220XMN**

- 4CH, M-JPEG, 120 / 120fps
- KDS-7220XMN : Network support



Real Time VCR  
**KTV-960V**

- Real time VCR (960H)
- Jog & shuttle
- Wireless remote control



Quad  
**KCQ-104L / 108L**

- KCQ-104L : 4CH Quad (4CH)
- KCQ-108L : 8CH Dual Quad (8CH)



Multiplexer  
**KM-308A / 316A**

- KM-308A : 8CH Multiplexer
- KM-316A : 16CH Multiplexer

**LCD Display** CCTV



15" TFT LCD DVR Combo  
**KRS-AL04**

- All in one LCD DVR
- 4CH, M-JPEG, 120 / 120fps
- Network support



17" LCD Display Monitor  
**KMC-17B**

- High resolution (1280 x 1024)
- Pixel pitch (0.264 x 0.264mm)
- Video IN / OUT (BNC)
- S-video IN / OUT
- VGA IN / Audio IN/OUT (L&R)
- Brightness 250cd / m2
- Contrast 600 : 1 (Typical)



19" LCD Display Monitor  
**KMC-19B**

- High resolution (1280 x 1024)
- Pixel pitch (0.294x 0.294mm)
- Video IN / OUT (BNC)
- S-video IN / OUT
- VGA IN / Audio IN/OUT (L&R)
- Brightness 250cd / m2
- Contrast 700 : 1 (Typical)

**Accessory** CCTV



Flat Monitor  
**KMB-600**  
2CH, B/W, 450TVL



Sun Shield Type Camera Housing  
**KH-5120S / 5120**  
• 12" Lengths



Housing Bracket  
**KBR-1000**



Camera Bracket  
**KBR-101**  
• I Type



Camera Bracket  
**KBR-102**  
• I Type



Camera Bracket  
**KBR-103**  
• L Type

**C-mount Lens** CCTV



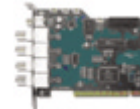
4mm Lens **KCL-004**   6mm Lens **KCL-006**   8mm Lens **KCL-008**   12mm Lens **KCL-012**   16mm Lens **KCL-016**

**Varifocal Lens** CCTV

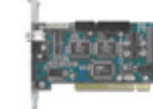


Manual Iris **KV-3580M**   DC Iris **KV-3580AD**   Video Iris **KV-3580AV**   Manual Iris **KVL-3580M**   DC Iris **KVL-3580AD**

**DVR Board** CCTV



DVR-4ch  
**KDB-030030S**  
• 4ch BNC Camera Input  
• Display 30fps  
• Recording 30fps  
• 1-ch Audio Support



DVR-16ch  
**KDB-060060S**  
• 16ch BNC Camera Input  
• Display 60fps  
• Recording 60fps  
• 2-ch Audio Support  
• 16-ch BNC Cable Included



DVR-4ch  
**KDB-120120S**  
• 4ch BNC Camera Input  
• Display 120fps  
• Recording 120fps  
• 4-ch Audio Support  
• 4-ch BNC Guide Included



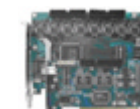
DVR-16ch  
**KDB-120120S**  
• 16ch BNC Camera Input  
• Display 120fps  
• Recording 120fps  
• 4-ch Audio Support  
• 16-ch BNC Cable Included



DVR-8ch  
**KDB-240240S**  
• 8ch BNC Camera Input  
• Display 240fps  
• Recording 240fps  
• 8-ch Audio Support  
• 4-ch BNC Guide 2PCS



DVR-16ch  
**KDB-240240S**  
• 16ch BNC Camera Input  
• Display 240fps  
• Recording 240fps  
• 8-ch Audio Support  
• 16-ch BNC Cable Included



DVR-16ch  
**KDB-480060S**  
• 16ch BNC Camera Input  
• Display 480fps  
• Recording 60fps  
• 2-ch Audio Support  
• 16-ch BNC Cable Included



DVR-16ch  
**KDB-480120S**  
• 16ch BNC Camera Input  
• Display 480fps  
• Recording 120fps  
• 4-ch Audio Support  
• 16-ch BNC Cable Included



DVR-16ch  
**KDB-480240S**  
• 16ch BNC Camera Input  
• Display 480fps  
• Recording 240fps  
• 8-ch Audio Support  
• 16-ch BNC Cable Included



DVR-16ch  
**KDB-480480S**  
• 16ch BNC Camera Input  
• Display 480fps  
• Recording 480fps  
• 16-ch Audio Support  
• 16-ch BNC Cable Included



DVR Audio Board  
**Audio Board**  
• 4ch RCA Audio Input



DVR Sensor Board  
**Internal Sensor Board**  
• 4-ch Sensor Input  
• 4-ch Alarm Output  
• RS422 Interface