

## Function

### DVR

- Pentaplex Standalone DVR,
- H.264 codec, Real-time Recording at Half D1,
- Control (Touch Screen/Mouse/Front Key), Multi-language,
- De-Interlacing, Watch-dog, Water-Mark,
- Recording (Sensor, Continuous, Schedule, Motion)
- Pre/Post-Alarm, Search (Time, Calendar, Events and First/Last),
- Backup (SD card, External HDD & Network),
- Event/Alarm (Email Notification/Alarm-Out/ Buzzer for Events/Video Loss Warning),
- Dual-Stream, I.E Web-Browsing,
- CMS (Live Monitoring Max.64ch) : Playback / Backup, PTZ, Local DVR Reboot, DDNS,
- Smart phone Viewer (Android Phones, iPhone)

### Smart Home

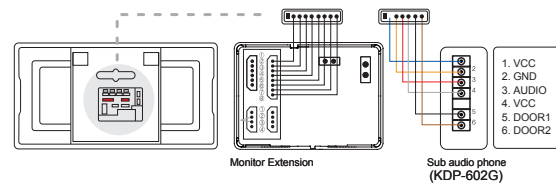
- Light (Dimming), Curtain, Gas control by RS485, Control by Touch screen, Schedule & Scenario,
- Digital Album, Calendar, Clock, Scheduler & Screen Saver

### Videophone

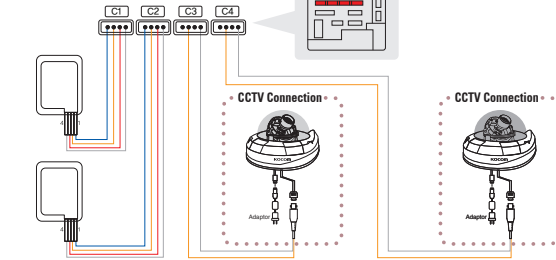
- Upto 4 indoor units extension (w/ KDP-602G audio sub phone) with 4 cameras connection
- Communication with visitor,
- Intercom between extended indoor units,
- Monitoring & Door open,
- OSD Menu, 5 Melody selection,
- Recording real time moving pictures,
- IP Video doorphone through internet connection.

## Wiring

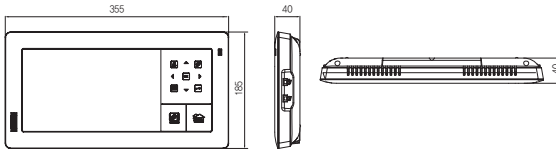
### Monitor / Interphone



### Camera



## Dimension



## Door Camera Connection



## Specifications

### DVR

Model No	KVR-A510 / KVR-D510
INPUT	4CH Camera, 4CH Audio, 1CH Sensor.
OUTPUT	1CH video out(composite), 1CH Alarm
Port	Ethernet(1xRJ45), 1xUSB2.0, 1xSD CARD(SDHC), RS-485
Live	Digital Zoom(x2), Monitoring Mode(1,4&PIP)
Recording	<ul style="list-style-type: none"> <li>• Resolution : NTSC-720x480, PAL-720x576</li> <li>• Frames at [CIF] : 120/100</li> <li>• Frames at [H.D1] :120/100</li> <li>• Frames at [D1] : 60/50</li> <li>• Pre/Post Recording : Pre(0~30s), Post(0~120s)</li> <li>• Recording Mode : Manual/Continuous/Schedule/Motion/Sensor</li> </ul>
Playback	<ul style="list-style-type: none"> <li>• Speed : Fast Forward/Backward(x1/8/32/64/128), Frames by frame</li> <li>• Search Method : By time, Calendar, Event go to First &amp; Last Data</li> </ul>
Network	<ul style="list-style-type: none"> <li>• Dual Stream : Local Recording &amp; Network Transmission (Network Transmission rates max. 120/100FPS)</li> <li>• Web(I.E) : Live/ Playback/ Audio/PTZ/Snapshot</li> <li>• CMS (software CD is included) : Live/Playback/Backup/PTZ/ Remote Setup/Local DVR Rebooting</li> <li>• DDNS : Support free DDNS server-dyndns.com/no-ip.com</li> <li>• Mobile Viewer : 3G Mobile Phones, iPhone, Android Phone</li> <li>• Bandwidth : Adjustable (64/128/256/512Kbps, 1/2/4/10Mbps, Unlimited)</li> </ul>
Events & Alarm	<ul style="list-style-type: none"> <li>• Email Notification, Alarm-Out, Buzzer for Events &amp; video Loss</li> <li>• Motion Detection : Selected Area, Sensitivity in each channel</li> <li>• Scheduling : Mail Notification Schedule/Alarm Schedule for Events-Trigger</li> </ul>
Storage	<ul style="list-style-type: none"> <li>• Default : SD Card 32GB</li> <li>• Extension : Interlocking HDD by USB</li> <li>• Network by CMS</li> </ul>
Web Browser	Auto installation by ACTIVE X
WEB OS	XP, VISTA, WIN7

### Smart Home

Home Control	<ul style="list-style-type: none"> <li>• Lighting, curtain, and gas</li> <li>• Communication : RS-485</li> <li>• Control : GUI</li> <li>• Lighting : ON/OFF, Dimmer-7 levels</li> <li>• Curtain : Open/Close/Stop</li> <li>• Gas : Close</li> </ul>
Digital Album	<ul style="list-style-type: none"> <li>• Format : BMP(16bit), JPEG(~5M) ( in case of JPEG, file conversion is necessary using the program provided with the product.)</li> <li>• Auto File Size Adjustment (Play Mode)</li> <li>• Pre-view / Select / Play &amp; Delete selected file</li> </ul>
Screen Saver	<ul style="list-style-type: none"> <li>• Digital Album, Clock, OFF mode selection</li> <li>• When an event occurs, display the event</li> </ul>

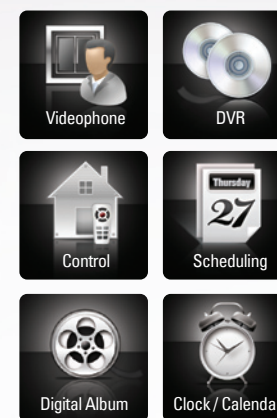
### Videophone

Model No	KVR-A510	KVR-D510
Power	AC Input : AC 90V-240V, 50Hz/60Hz	DC Input : DC 13.8V(0.5V), MAX 3.5A
Power Consumption	Max : 30W ±20%	
Assurance temp	0°C ~ 40°C	
Monitor	10inch DIGITAL COLOR TFT LCD PANEL (NTSC / PAL Auto switching)	
Communication system	1 way Hands free communication	
System type	GUI switch based on Touch-Screen and Touch Key	
Display	Quad Display PIP / POP up / OSD & GUI	
Interface	SD card : up to 32GB. (SDHC format) USD HDD : up to 1TB for USB2.0 USB Mouse available USB Host for upgrading software (Plug and Play)	
Max. wiring distance	0.55 single cable : 30M / 0.65 single cable : 50M 5C-2V coaxial cable : 100M	
Wiring	4 wire (Monitor and front door camera) 6 wire (Extension audio phone)	
Melody	5 Different Electronic sound from each door camera Buzzer sound for alarm and identification for touch screen	
Mount type	Surface mount or Desk top	
Dimension(mm)	Monitor : 355(W) x 185(H) x 40(D) / Cradle : 205(W) x 145(H) x 105(D)	
Door Camera Connection	KC-MC30, KC-MC31, KC-MC24, KC-MC20, KC-MC35, KC-C60	
Monitor Connection	KCV-A374 / D374, KCV-A374SD / D374SD, KCV-W354 / DW354, KCV-801 / 801R, KCV-D801 / D801R	



# 10inch Touch Quad KVR-A510 / D510 H.264 DVR Videophone

All functions you need for safe & stylish home are in KVR-A510 / D510 !



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# 10inch Touch Quad DVR Videophone

KVR-A510/D510



All functions you need for safe  
& stylish home are in KVR-A510/D510

## 10" Touch Screen

Employing a 10" Touch Screen Panel & Touch Key Buttons, the monitor is all touch controlled by fingertips.



## 4CH DVR

In the DVR mode, Monitoring through CCTV cameras, Recording and the other functions of a 4CH DVR are available.



## Calendar & Scheduler

Check the date and time in the Calendar mode. Set your special date, and then the monitor makes you not to forget the date by Scheduler.

Never forget the special date and important things, using Memo functions.



## Digital Album

Keep your precious photo and display whenever you want.



## Videophone

**Basic functions of Videophone**  
Call, Communication with a visitor, Intercom with extended monitors, Door Open, etc are available.

**By Internet connection**  
IP Videophone function is available too (Remote monitoring & door open)



## The Newest Style

Stylish monitor with slim and compact body makes your interior elegant.



## High-Resolution 10" Display

KOCOM's high-resolution video display technology accumulated over 35 years meets 10" Touch Panel.



## Home Control (Smart Home)

**Easy control from the monitor by touch, Schedule & Senario**  
Lighting, Gas Valve, Curtains. (RS-485 communication)



## Screen Saver

Save energy and save money by screen saver function.



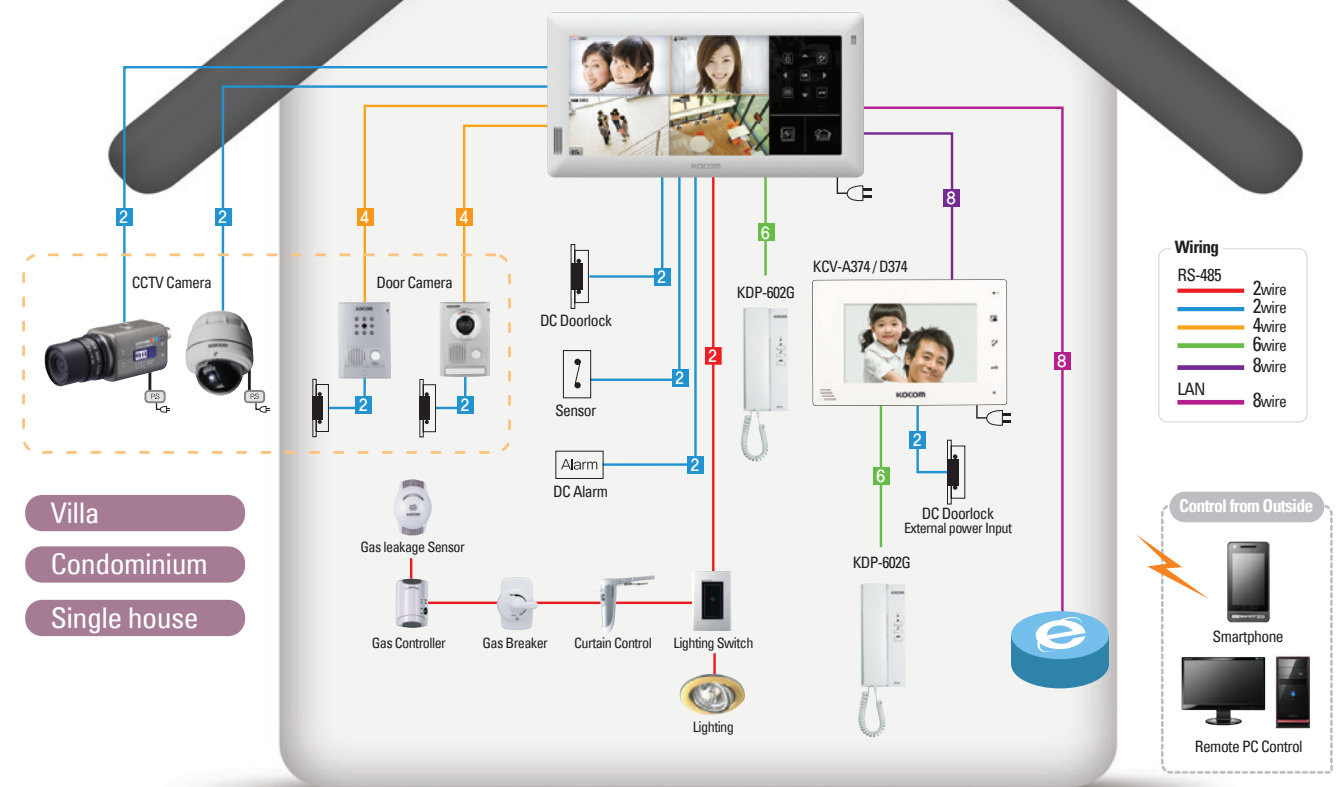
## Desktop / Wall-Mount available

Both Wall-mount and Desktop with a cradle (\*optional) are available.



## System Configuration

KVR-A510 / KVR-D510



## KVR-A510/D510 CMS Program

**Robust Network** Network Transmission



Live View

**Remote management through CMS**



**Remote Monitoring, Playback & Set up by Client program**



## KVR-A510/D510 Smartphone Viewer by App.

**Easy control from the Smart phone** DVR View (4Ch)



4Ch DVR View