NEW

Make possible to connect

4 Door Cameras & 16 Monitors

using KU-ESA Distributor

Up to 4 Door Cameras or CCTV Cameras & 16 Monitors (2 Monitors PER 1 Port) connection

2 More KU-ESA connections available in case of setting KU-ESA as SUB

(* Max. connection in case of using 3 KU-ESA: 12 Cameras & 48 Monitors)

One selected Camera Monitoring available

Internal call & Communication available between extended indoor units

Multi-call & Video AMP

Compatible Monitors

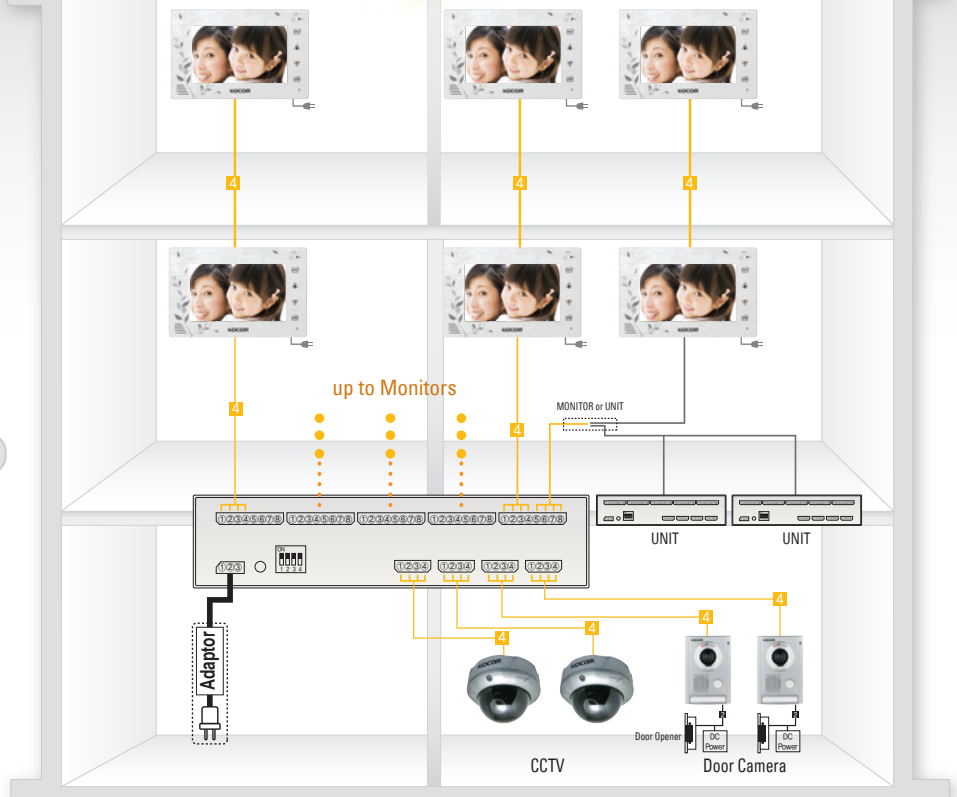| KCV-801/D801, KCV-801R/D801R | KVR-A510/D510 | KCV-A374/D374 KCV-A374SD/D374SD | KCV-W354/DW354 | KCV-301 | KVM-301/D301 |

:: System Diagram

up to 16 Houses

up to Monitors

MONITOR or UNIT

UNIT   UNIT

Adaptor

CCTV   Door Camera
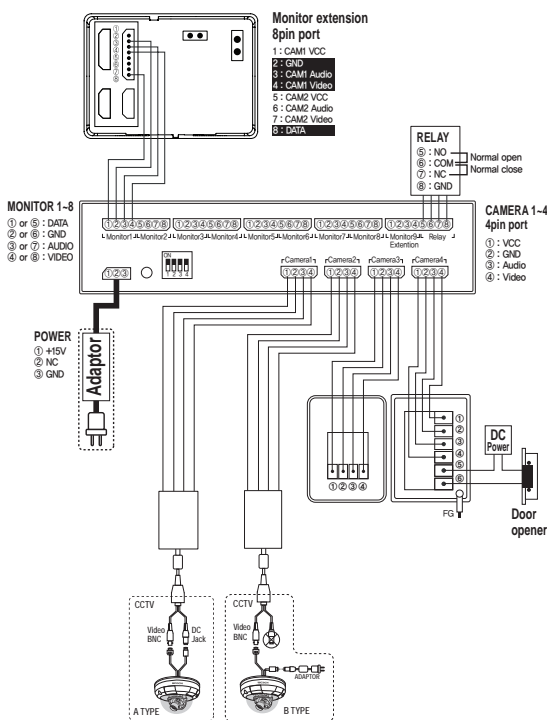
Door Opener   DC Power   DC Power

:: Feature

- Up to 4 Door Cameras or CCTV Cameras & 16 Monitors (2 Monitors PER 1 Port) connection
- 2 More KU-ESA connections available in case of setting KU-ESA as SUB
  (* Max. connection in case of using 3 KU-ESA : 12 Cameras & 48 Monitors)
- One selected Camera Monitoring available
- Internal call & Communication available between extended indoor units
- Multi-call & Video AMP

※ In case of using CCTV camera of below 200mA (DC 12V) power consumption and when the distance between CCTV camera and monitor is below 50m, CCTV camera is powered by the monitor. [Wiring Diagram Type A]

※ On the other hand, if the power consumption is over 200mA (DC 12V) and the distance is over 50m, an additional power supply for CCTV camera is necessary. [Wiring Diagram Type B]

:: Wiring Diagram

Monitor extension 8pin port
1 : CAM1 VCC
2 : GND
3 : CAM1 Audio
4 : CAM1 Video
5 : CAM2 VCC
6 : CAM2 Audio
7 : CAM2 Video
8 : DATA

RELAY
⑤ : NO   Normal open
⑥ : COM
⑦ : NC   Normal close
⑧ : GND

MONITOR 1~8
① or ⑤ : DATA
② or ⑥ : GND
③ or ⑦ : AUDIO
④ or ⑧ : VIDEO

Monitor1 Monitor2 Monitor3 Monitor4 Monitor5 Monitor6 Monitor7 Monitor8 Relay Extention

Camera1 Camera2 Camera3 Camera4

CAMERA 1~4 4pin port
① : VCC
② : GND
③ : Audio
④ : Video

POWER
① +15V
② NC
③ GND

Adaptor

DC Power

Door opener

FG

CCTV Video BNC DC Jack A TYPE

CCTV Video BNC ADAPTOR B TYPE

:: Specifications

Model NO.	KU - ESA
Power Supply	DC 15V±1V (Stand by : 1.7W, Operation : 13W)
Warranted Operation Temperature	0 ~ 40 ℃
Wiring Type	4 Wire Type (Monitor and front door camera)
Mount Type	Flush Mount
Dimension(mm)	145(W) x 90(H) x 40(D) mm
Communition Type	1 way Hands free communication
Distance	CAMERA TO MONITOR (UTP pair cable : 100m / 0.85 single cable : 100m / 0.65 single cable : 50m) UNIT TO UNIT (UTP pair cable : 20m / 0.85 single cable : 20m / 0.65 single cable : 10m)
Capacity	up to Max one camera per camera port up to Max two monitors per monitor port up to Max three unit per extention port

:: Monitor & Camera Connection

Color Monitor					B/W Monitor
KVR–A510/D510	KCV–A374/D374 KCV–A374SD/D374SD	KCV–W354/DW354	KCV–801/D801 KCV–801R/D801R	KCV–301	KVM–301/D301

Color Camera					B/W Camera	
KC–MC30	KC–MC31	KC–C60	KC–MC24	KC–MC20	KC–MB30	KC–MB31