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COMMAX
SmartHome & Security

User Manual

Floor distributor CMD-104VU



Only CAU-D047TP and CAD-I4V7TP (Commax CCTV Camera) are connectable with this model.

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COMMAX Co.,Ltd.



- Thank you for purchasing COMMAX products.
- Please carefully read this User's Guide (in particular, precautions for safety) before using a product and follow instructions to use a product exactly.
- The company is not responsible for any safety accidents caused by abnormal operation of the product.



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1. Introduction

Your unit is designed so it can be flush mounted on the wall or used. When flush mounted on the wall, the stand permits you to view the unit for an angular view. The model number is located on the bottom and record the serial number in the space provided below (available). Refer to these numbers whenever you call upon your COMMAX dealer regarding this product.

Model No. _____

Serial No. _____

To prevent fire or shock hazard, do not expose the unit to rain or moisture.



This symbol is intended to alert the user to the presence of uninsulated **"dangerous Voltage"** within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



caution

Risk of electric shock
do not open



CAUTION : To reduce the risk of electric shock, do not remove cover (or back) no user-serviceable part inside refer servicing to qualified service personnel



2. Important Safeguards

- ▲ **Damage Requiring Service** : This equipment from the power source and source and refer servicing to qualified service personnel under the following conditions
 - ① when the power is damaged.
 - ② if liquid has been spoiled or objects have fallen into the unit
 - ③ if the equipment has been exposed to rain or water.
 - ④ if the equipment has been dropped or otherwise damaged.
 - ⑤ when the equipment exhibits a distinct change in performance- this indicates a need for service.
- ▲ **Water and Moisture** : Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.
- ▲ **Accessories** : The product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Any mounting of the manufacture's instructions, and should use a mounting accessory recommended by the manufacturer.
- ▲ **Object and Liquid Entry** : Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
- ▲ **Lightning** : For added protection for this product before a lightning storm, or when it is left unattached and unused for long periods of time, unplug it from the wall outlet and disconnect the other system. This will prevent damage to the product due to lightning and power-line surges. If you live in an area heavily prone to lightning storms, it is recommended that you invest in power-line, telephone-line, RF cable and actuator / polarization surge protectors to protect your appliance system from possible damage



3. Product concept and function

- (1) CMD-104VU is interfaced with CCTV. It is designed for MODUM system device which can select video and transferred to each house videophone.
- (2) Pre caution for CMD-104VU wiring (We do not guarantee product quality which user can't follow bellow conditions.)
 - Connect CMD-104VU "OUT" to Building Distributor or, CMD-104VU "IN".
 - Connect CMD-104VU "LINE1~4" to CCTV. (One CMD-104VU connect to Max. CCTV 4)
 - CMD-104VU can be installed to Max. 2 (two) (Total CCTV 8).
 - Must reboot CMD-104VU after setting DIP SWITCH (8PIN).
 - CMD-104VU can be expanded Max. 2 (two). Each device use DC 14V/4A power.
 - Distance between CMD-104VU and CCTV should be within 50M.
 - CMD-104VU is for MODUM system CCTV selector only. If it is interfaced with other system, it may not be operated properly.

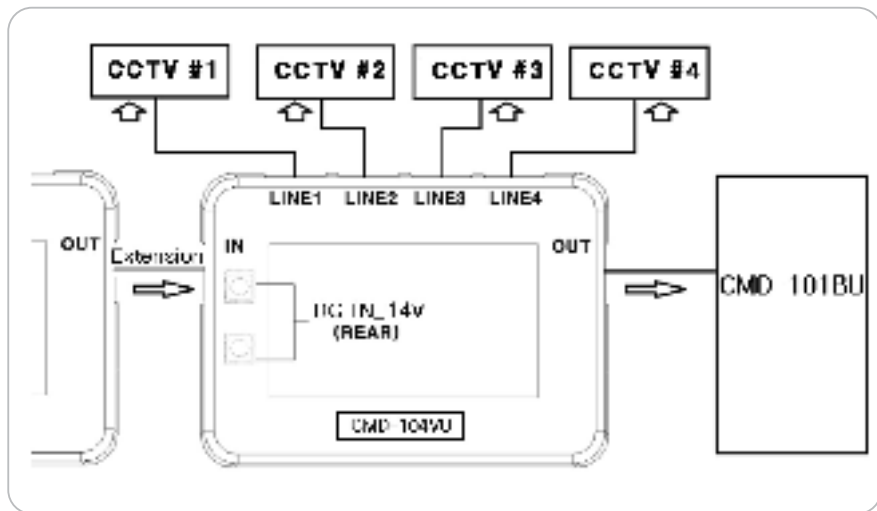
Connectable CCTV : CAD-I4V7TP (Commax CCTV Dome Camera)

CAU-D047TP (Commax CCTV Bullet Camera)

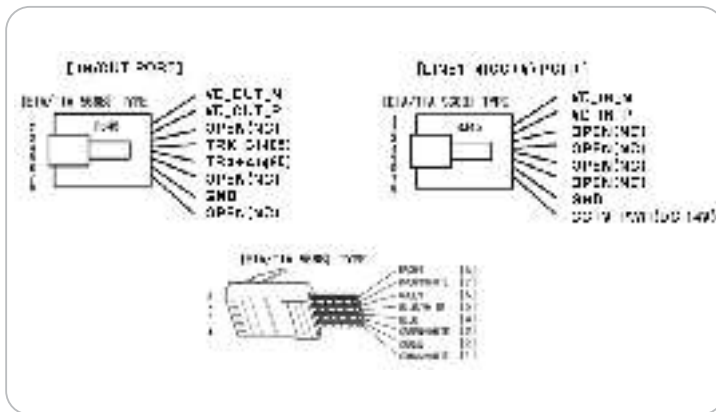
(Please, check compatibility before interfacing with other products or system.)



4. Wiring diagram



- VIDEO PHONE → CMD-404FU → CMD-101BU → CMD-104VU → CCTV
: UTP CABLE [CAT.5e] - MAX 300m



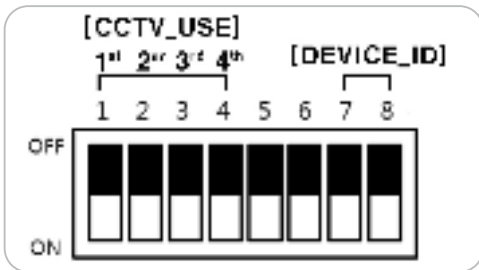


5. ID Setting

When set ID, use DIP switch (8ch.) for setting.

(ID must be different between two devices.)

Attention : After setting, power should be off and on for rebooting



- Each switch function
 - No.1 (LINE1 CCTV availability) : OFF= Disable / ON= Able to use
 - No.2 (LINE2 CCTV availability) : OFF= Disable / ON= Able to use
 - No.3 (LINE3 CCTV availability) : OFF= Disable / ON= Able to use
 - No.4 (LINE4 CCTV availability) : OFF= Disable / ON= Able to use

: Interface CCTV to designate Line then switch on. If there is no connection, switch off)

- No. 5 & 6 : No use (OFF)

: Dummy switch. Always set switch off.

- No. 7 & 8 (ID Setting) : Set No.1 device / Set No.2 device

: If there is only one device, set No.1. If there is extension device, set No.2 for extension device.

(Max. two device can be connected)





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Number	How to set up	
1	OFF	
	ON	
2	OFF	
	ON	

< ID Setting way when 7 & 8 Switch are ON/OFF>



6. Specification

Spec	Model	CMD-104VU (CCTV video selector)
Transmission type		Building Distributor 5 Wire (Polarized cable) , CCTV 4 Wire (Polarized cable) (RJ45 CAT5e Patch Cable)
Power		DC 14V / 4A
Cabling step		1. Designated CCTV → CMD-104VU LINE1,2,3,4 2. CMD-104VU OUT(Output) → CMD-104VU IN (Expansion) 3. CMD-104VU OUT (Output) → Building Distributor(CMD-101BU)
Distance		1. CCTV → CMD-104VU → CMD-101BUCMD-404FU → House unit Videophone : Max. 300m 2. CCTV → CMD-104VU : Max. 50m (Max. two CCTV Selector can be installed)







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