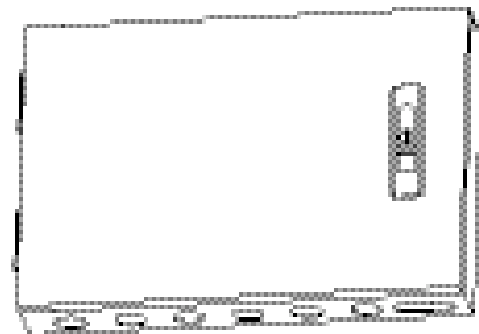


# Digital Control Station

Model No. CDS-4CM

Home Network  
**COMMAX**.in.ua  
[www.commax.in.ua](http://www.commax.in.ua)



**COMMAX Co.,Ltd.**

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



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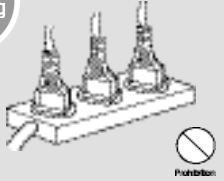
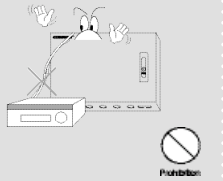
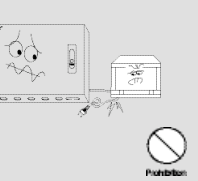
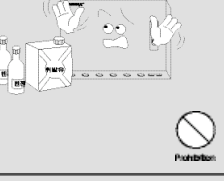
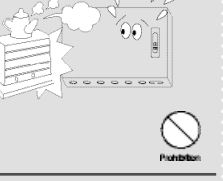
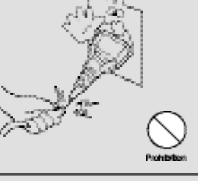



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## Warnings and caution

◎ Make sure to follow the instructions to prevent any danger or property losses.

**Warning** Death or serious injury is expected.






-  It indicates prohibition.
-  It indicates prohibition of disassembly.
-  It indicates prohibition of contact.
-  It indicates dos and don'ts.
-  It indicates that the plug should be pulled out from the socket.

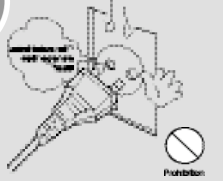
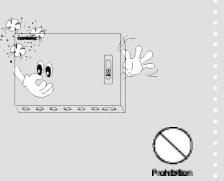
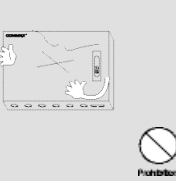
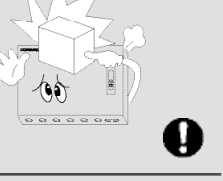
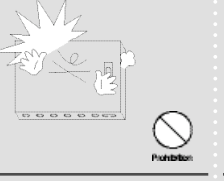
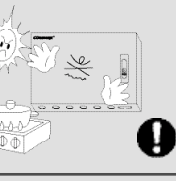
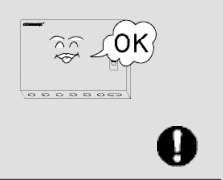
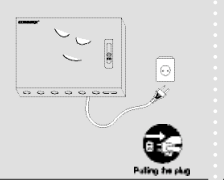
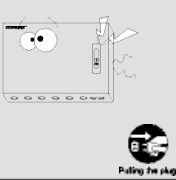
Warning		
		
<b>Do not put the plug in the socket simultaneously.</b> It may generate abnormal heat or cause a fire.	<b>Do not connect to other products while in use.</b> It may cause breakdown.	<b>Do not forcibly bend the cord or put a heavy object on the product.</b> It may cause a fire.
		
<b>Do not use water, thinner or a detergent used to wash oil products when you wash the exterior.</b> Make sure to wash it by using a dry cloth to prevent any breakdown or electric shock.	<b>Do not install the product in a humid place.</b> It may cause an electric shock or a fire.	<b>Do not forcibly pull out the cord from the socket.</b> If the cord is damaged, it may cause a fire or an electric shock.
		
<b>Do not put the plug in the socket with a wet hand.</b> It may cause an electric shock.	<b>Do not disassemble, repair or modify the product.</b> It may cause a fire, an electric shock or an injury due to malfunction of the product.	<b>Do not use AC circuit breaker.</b> It may cause an electric shock.

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## Warnings and caution

**Caution** An injury or property losses are expected

-  It indicates prohibition.
-  It indicates prohibition of disassembly.
-  It indicates prohibition of contact.
-  It indicates dos and don'ts.
-  It indicates that the plug should be pulled out from the socket.

Caution		
		
<b>If the socket holes are larger than normal, do not put the plug.</b> It may cause an electric shock or a fire.	<b>Make sure that dust or foreign substances are not gathered on the product.</b>	<b>Make sure to prevent foreign substances from entering the product.</b> It may cause a breakdown.
		
<b>Do not put a heavy object on the product.</b> It may cause a breakdown.	<b>Do not disassemble or give an impact to the product.</b>	<b>Avoid direct rays of the sun or heating devices at a time of installation.</b>
		
<b>Install the product in a flat and stable place.</b> Otherwise, it may not function properly.	<b>Pull the plug if the product is not used for a long time.</b>	<b>If the product generates strange sound, make sure to pull the plug immediately and contact Commax service center.</b>

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# 1. Features and Functions

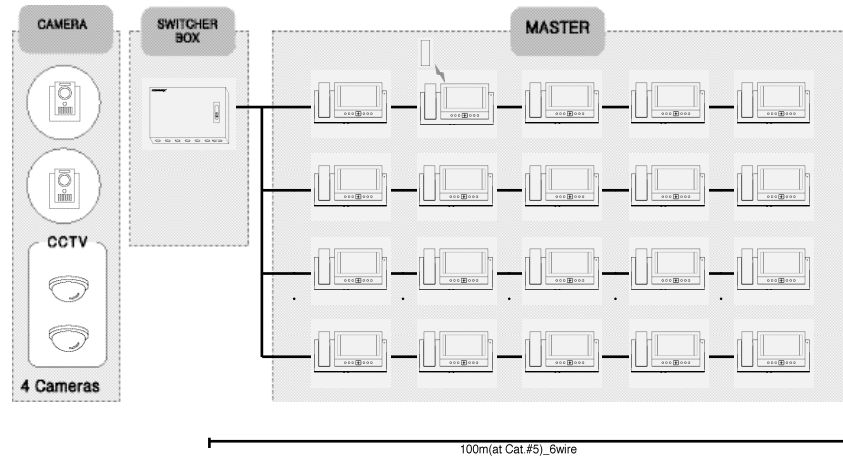
## 1. Features

- Flush mouth type Digital Control Station
- Free Voltage power supply
- To be interfaces up-to 4<sup>th</sup> cameras
- To be interfaces up-to 20<sup>th</sup> monitors

## 2. Function

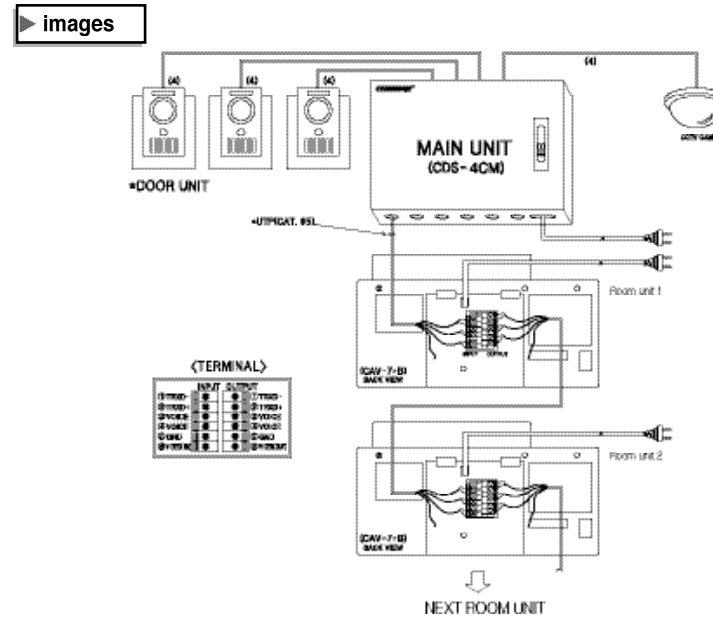
- Working with CAV-70B
- Working with DPV-nAS
- Working with Alarm Sensor

# 2. System Layout



- Maximum connect with up-to 4<sup>th</sup> cameras \*Available to connect with CCTV camera
- Maximum connect with up-to 20<sup>th</sup> monitors

# 3. Wiring Diagram



- Notes for connecting
  - .Maximum number per line from the slave connection terminal of main unit is 5.
  - .Please connect wiring terminal carefully on polarity.
  - .Please use UTP (CAT. 5) for cable and 14~24AWG for others.

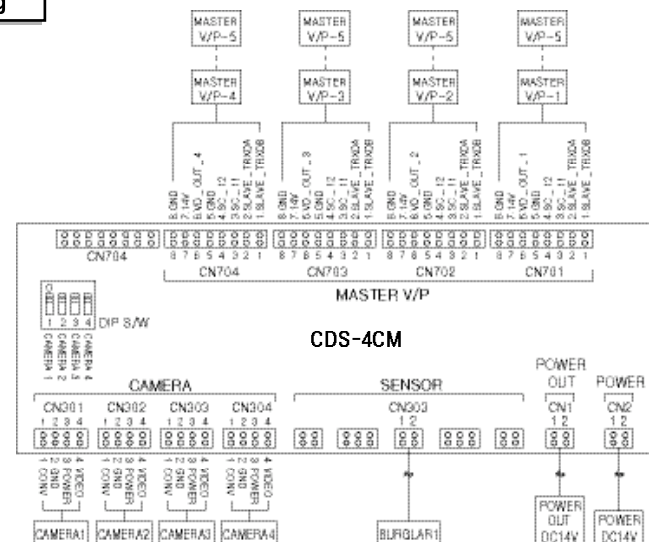
# 4. Specification

ITEM	Model	CONTENTS(CDS-70M)
Transmission		2 wires, 4wires at Entrance, 6wires at MASTER Unit
Rated voltage		DC15V
Power consumption		On standby: 100mA, On operating: 250mA
Telephone Conversation Distance		Entrance: 28M(CAT#5 cable) MASTER Unit: 20M(0.65 cable, Video-out 3C2V Coaxial cable)

## 5. Wiring Method and How to use

memo

### ▶ Wiring



### 1. Wiring Method

- As the maximum, five Master-V/Ps can be connected with 1 line which is a master connection terminal of main unit.
  - ▶ The maximum 20 sets of Master-V/P can be connected with 1 main unit.
- In case of wiring between two Master-V/Ps, an video cable must be connected as a VD/IN and VD/OUT pair.
- Be careful of connection, as it is polarized cables.
  - ▶ In case of wrong connection, a video phone in a household shall not operate.
- Master ID (household video phone) must be input, unless master ID input, it shall not operate properly.

### 2. How to use

- In case of normal connection, it shall be connected with power cord, and then, turn on the power switch.
- LED shall operate, if power is on.
- Refer CAV-70B and DPV-NAS user guide for another operation method.
- DIP S/W shall be in accordance with the number of a camera connection. If three cameras connected, DIP S/W shall turn on 1, 2 and 3 switches.

*Home Automation*  
**COMMAX<sup>®</sup>**

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