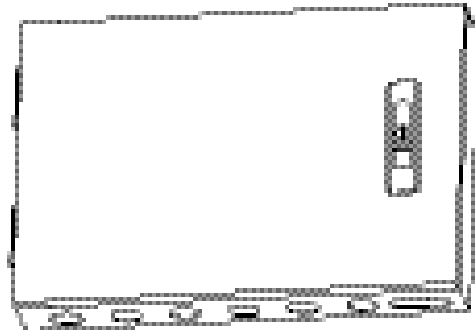


COMMAX®

Digital Control Station

Model No. CDS-4CM



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.








Table of Contents

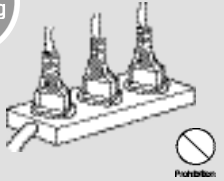
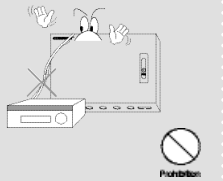
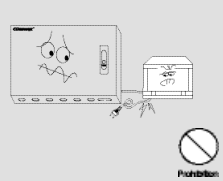
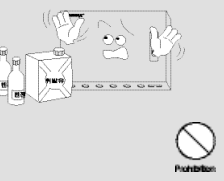
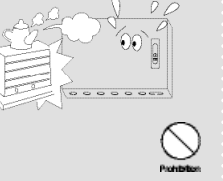
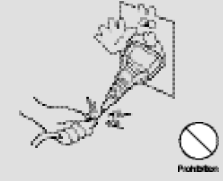

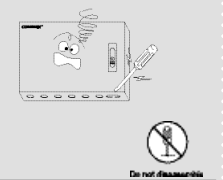

1. Features and Function.....	1
2. System Layout.....	1
3. Wiring Diagram.....	2
4. Specification.....	2
5. Wiring method and How to use.....	3

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.

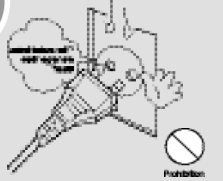
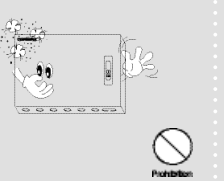
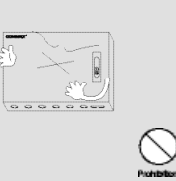
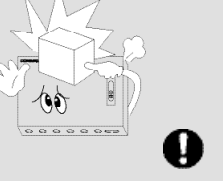
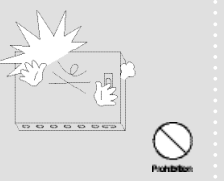
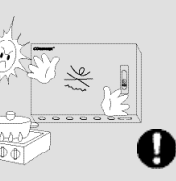
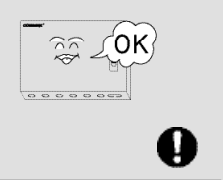
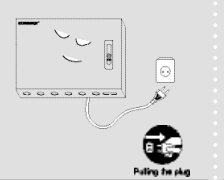
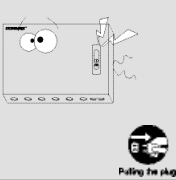
Warning		
		
Do not put the plug in the socket simultaneously. It may generate abnormal heat or cause a fire.	Do not connect to other products while in use. It may cause breakdown.	Do not forcibly bend the cord or put a heavy object on the product. It may cause a fire.
		
Do not use water, thinner or a detergent used to wash oil products when you wash the exterior. Make sure to wash it by using a dry cloth to prevent any breakdown or electric shock.	Do not install the product in a humid place. It may cause an electric shock or a fire.	Do not forcibly pull out the cord from the socket. If the cord is damaged, it may cause a fire or an electric shock.
		
Do not put the plug in the socket with a wet hand. It may cause an electric shock.	Do not disassemble, repair or modify the product. It may cause a fire, an electric shock or an injury due to malfunction of the product.	Do not use AC circuit breaker. 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		
		
If the socket holes are larger than normal, do not put the plug. It may cause an electric shock or a fire.	Make sure that dust or foreign substances are not gathered on the product.	Make sure to prevent foreign substances from entering the product. It may cause a breakdown.
		
Do not put a heavy object on the product. It may cause a breakdown.	Do not disassemble or give an impact to the product.	Avoid direct rays of the sun or heating devices at a time of installation.
		
Install the product in a flat and stable place. Otherwise, it may not function properly.	Pull the plug if the product is not used for a long time.	If the product generates strange sound, make sure to pull the plug immediately and contact Commax service center.

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1. Features and Functions

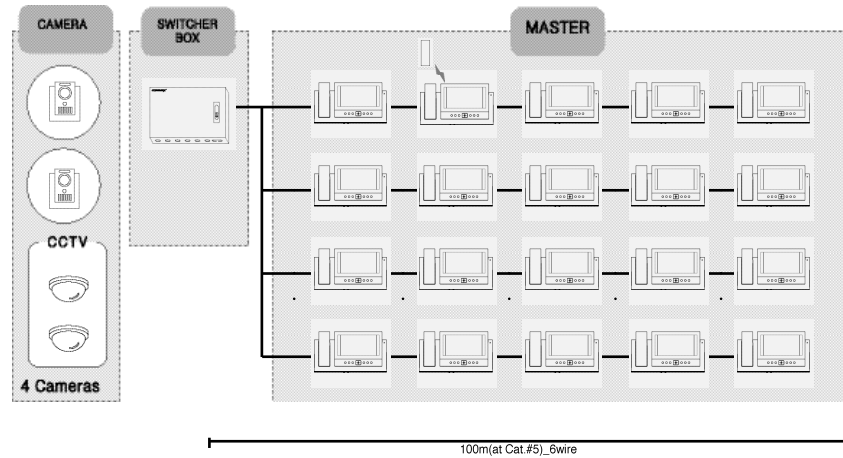
1. Features

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

2. Function

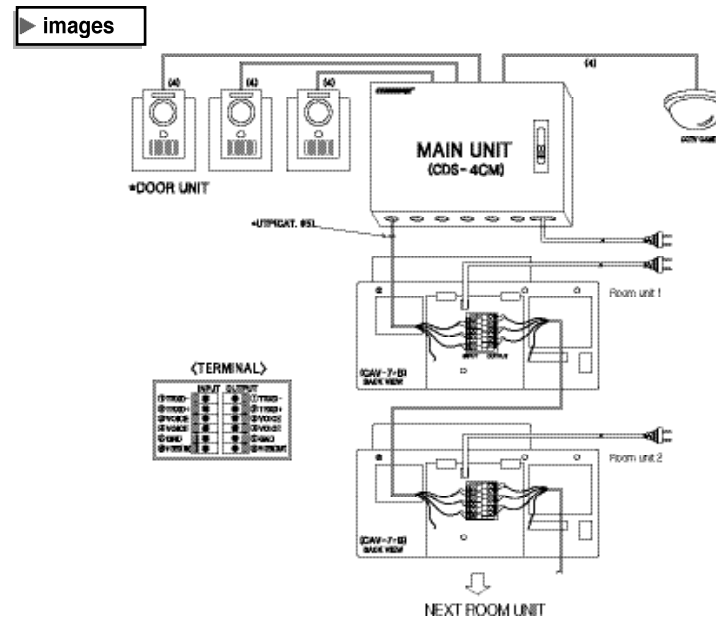
- Working with CAV-70B
- Working with DPV-nAS
- Working with Alarm Sensor

2. System Layout



Maximum connect with up-to 4th cameras *Available to connect with CCTV camera
 Maximum connect with up-to 20th 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.

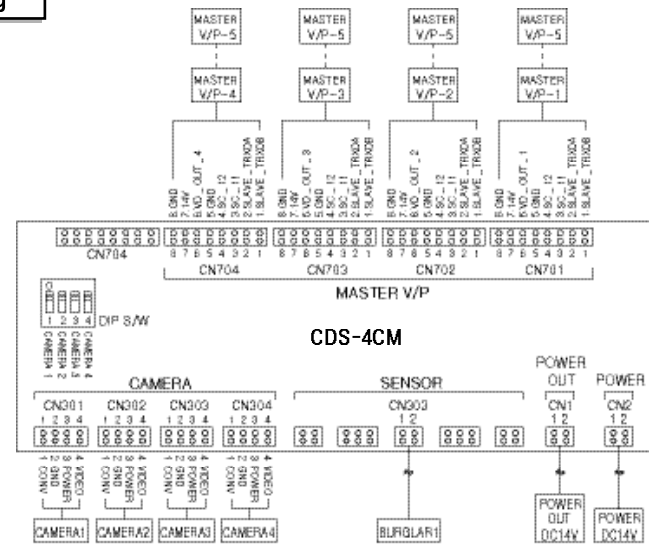
4. Specification

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



▶ 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[®]

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Printed In Korea