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문서관리자	검토	년월일 2017. 05. 29.	화일/참조	
제목 HMS-N1070 설치 시방서		Title Installation Manual of HMS-N1070		

HMS-N1070 Installation Guide

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1. Model

HMS-N1070 series by Hyundai HT.

2. Overview

HMS-N1070 model supports IP type and RS-485 type communication.

A. IP type uses TCP/IP communications to transfer the communication, call, and video signal and supports HLPC-9004/9006 series lobby phones and all IP-type Wall pads.

B. 485 type uses 485 communications with the main controller to transfer the communication, Call, video signal, and supports HLPC-8000/ HLF-R1041 series lobby phones and Home Automation Wall Pads.

Moreover, Parcel service is available, if the device uses TCP/IP communication.

* The above type can be selected by the options menu in the settings.

3. Composition

- Model: HMS-N1070 (No built-in camera) / HMS-N1070-Y (Built-in Camera)
- H/W is the same and divided by S/W Option.
- LCD: 7" Wide Digital TFT-LCD
- OPTION: Communication: (IP TYPE / 485 TYPE), Parcel Service (TCP/IP & 485 (OPTION)), Video Call (HMS-N1070-Y)

	HMS-N1070			HMS-N1070-Y		
	IP TYPE	485 TYPE		IP TYPE	485 TYPE	
		HALF LAN	Home Auto		HALF LAN	Home Auto
적용가능여부	O	O	O	O	X	X
Videl Call	X	X	X	O	X	X
Parcel Service	DB type	DB type	TCP/IP type	DB type	DB type	TCP/IP type

*** If you use parcel service with the third-party server, the management server service is not available.
Some wall pads have not supported this function.**

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3.1 Unit Composition

No.	Model	Product	Q'ty	Remark
1	HMS-N1070 CPU PCB	CPU PCB	1	Related to CPU, AUDIO, VIDEO
2	HMS-N1070 BASE PCB	BASE PCB	1	connectors
3	HMS-N1070 HOOK, KEY PCB	Key-pad, HOOK PCB	1	Number Key, Hook
4	7" Wide Digital LCD	LCD	1	7" Wide Digital TFT-LCD
5	7" Wide Touch Panel	Touch Panel	1	7" Wide Digital Touch Panel
6	NHPU-1300A	Power Supply	1	Supply the power to the guard phone.

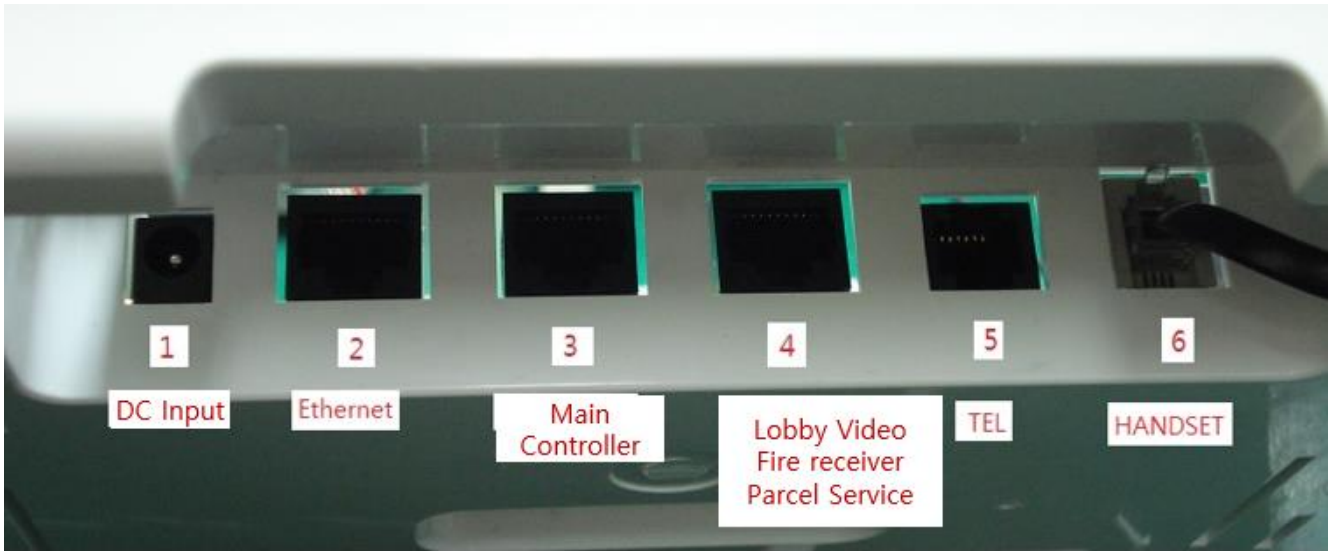
4. Appearance

4.1 HMS-N1070



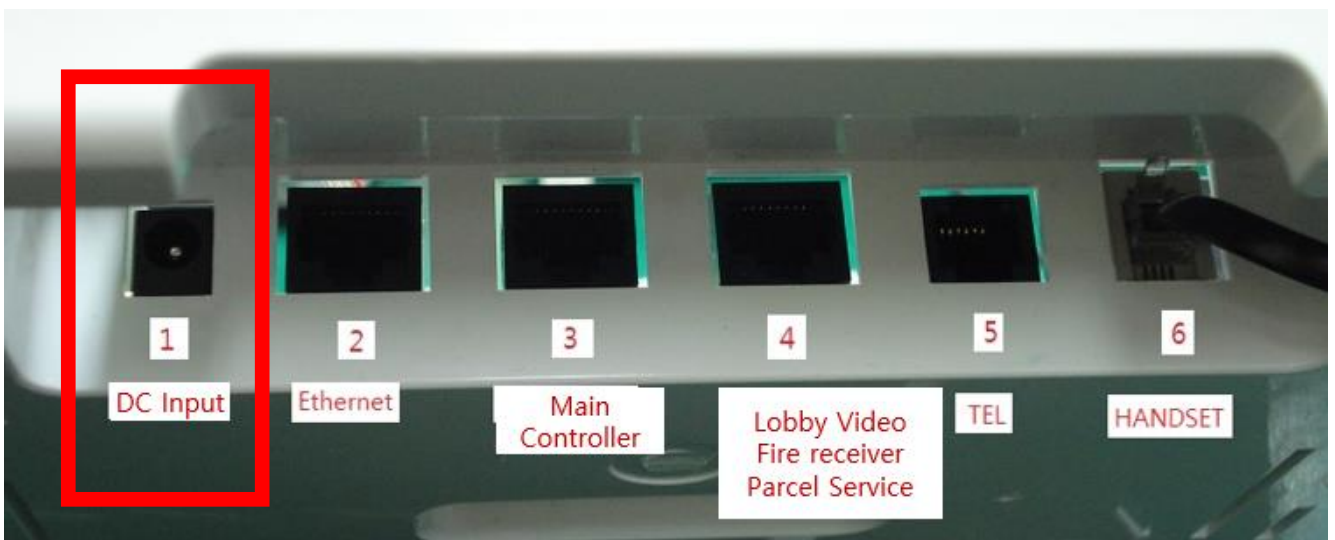
5. Wiring Diagram

5.1 HMS-N1070 rear external wiring diagram.



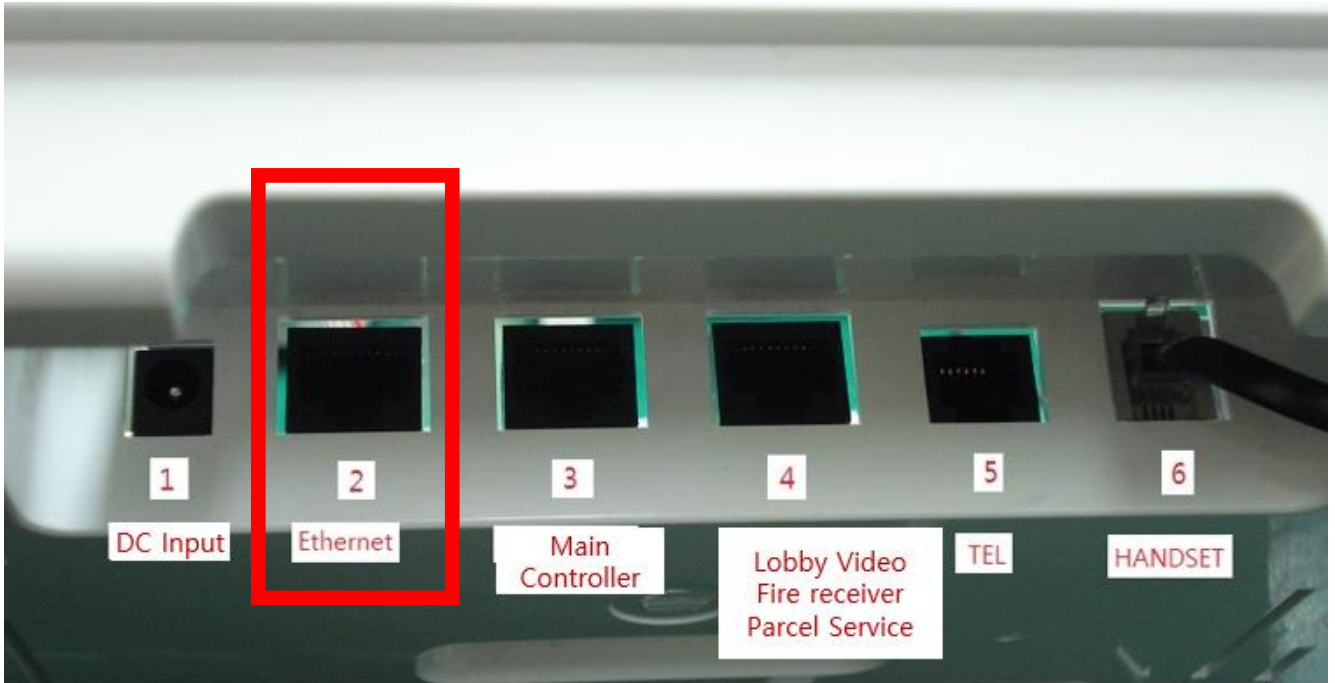
5.2 HMS-N1070 external port description

1. DC input
 - DC 12V 2.5A adaptor for guard phone (NHPU-1300A)



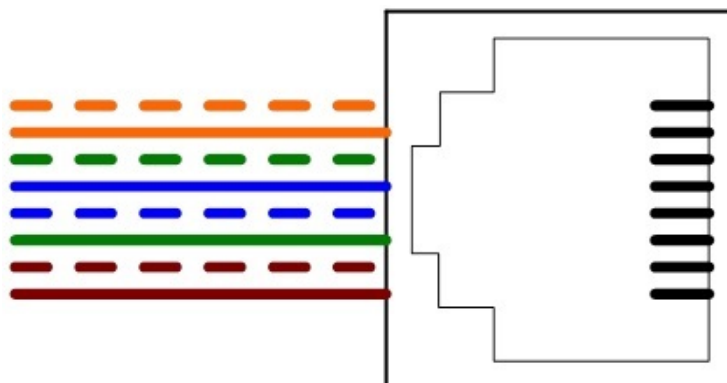
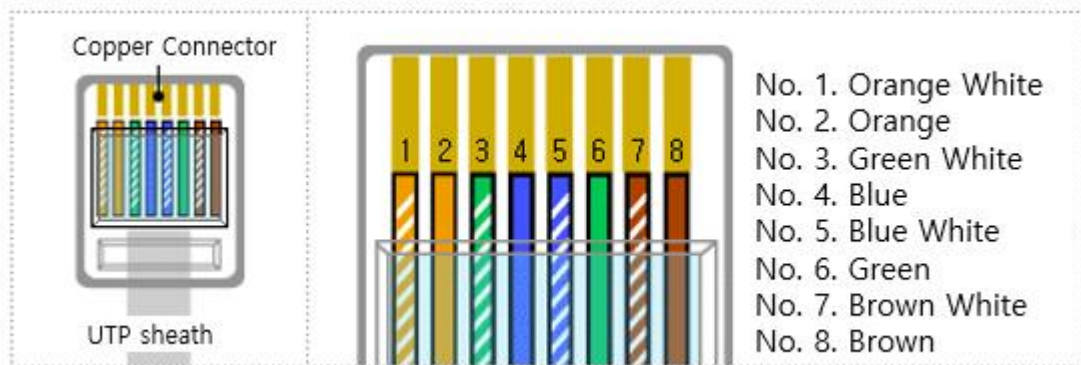
2. Ethernet

A. RJ 45 JACK UTP



B. Description

- IP TYPE: TCP/IP Server connection
- 485 TYPE: Server connection (HALF LAN TYPE)

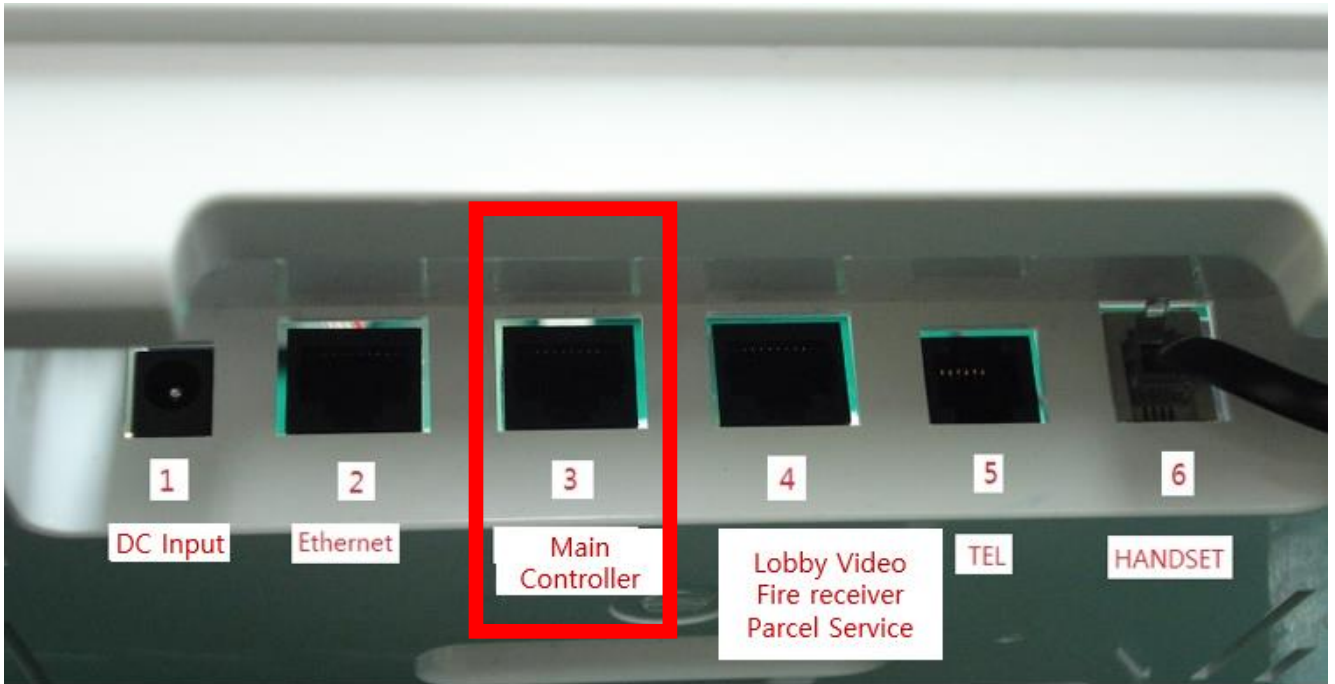


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- Standard 568B TYPE LAN CABLE

3. Main Controller

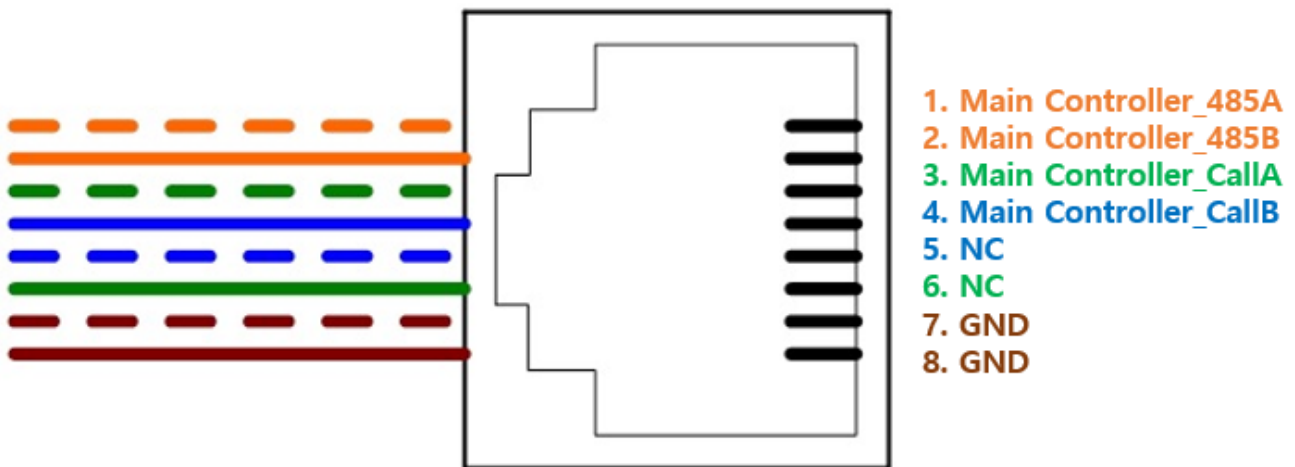
A. RJ45 JACK UTP



- Connect the Main Controller directly.

B. Description

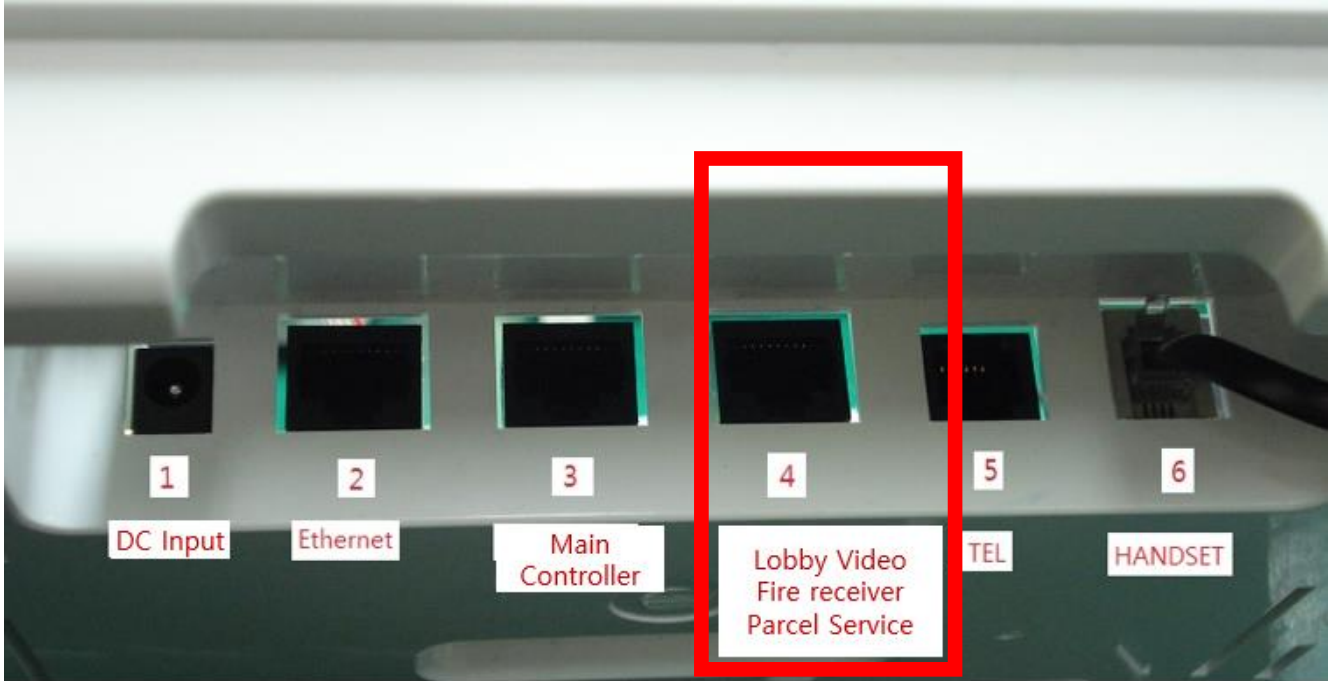
- Connect the Main Controller (HEF-8000/9000) for 485 type.



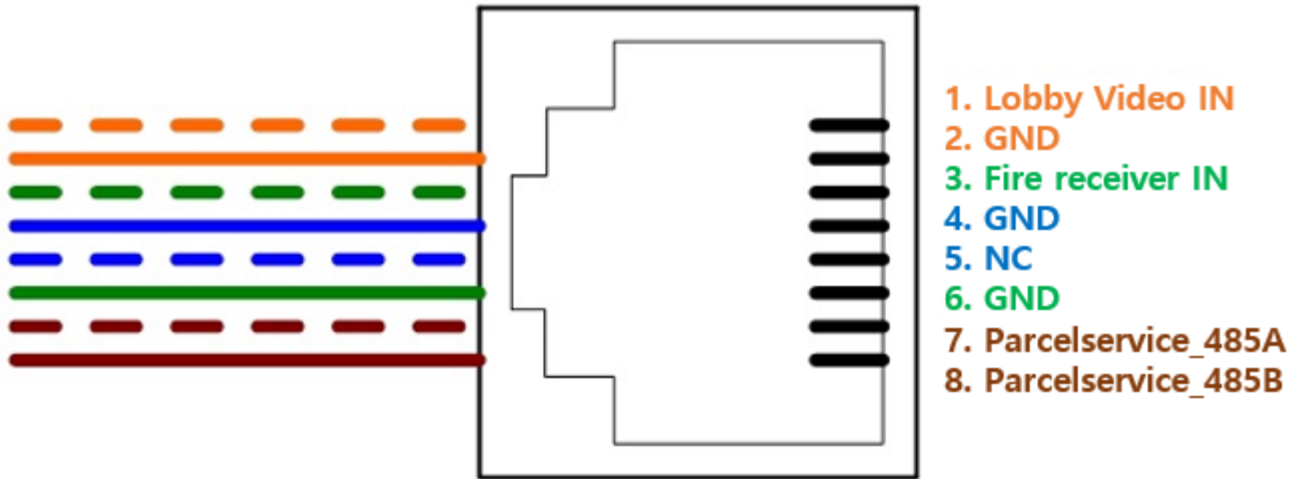
- If the call volume is lower on the lobby phone, HLF-R1041, please adjust the lobby phone volume.

4. Lobby Video, Fire receiver, Parcel Service

A. RJ45 JACK



B. Description



- ① Lobby Video IN: 485 type Lobby Phone (HLPC-8000/HLF-R1041) video input terminal. Lobby Phone Option Function. Need to check it when installing on the site.
- ② GND: 485 type Lobby Phone (HLPC-8000/HLF-1041) video Ground terminal.
- ③ Fire receiver input: Fire receiver input terminal. When DC12~24V is input to the fire receiver, alarm sounds.
- ④ GND: Ground terminal for a fire receiver.
- ⑤ NC: NO USE.
- ⑥ GND: GROUND
- ⑦ Parcel Service_485A: A terminal that connects with parcel service and 485.

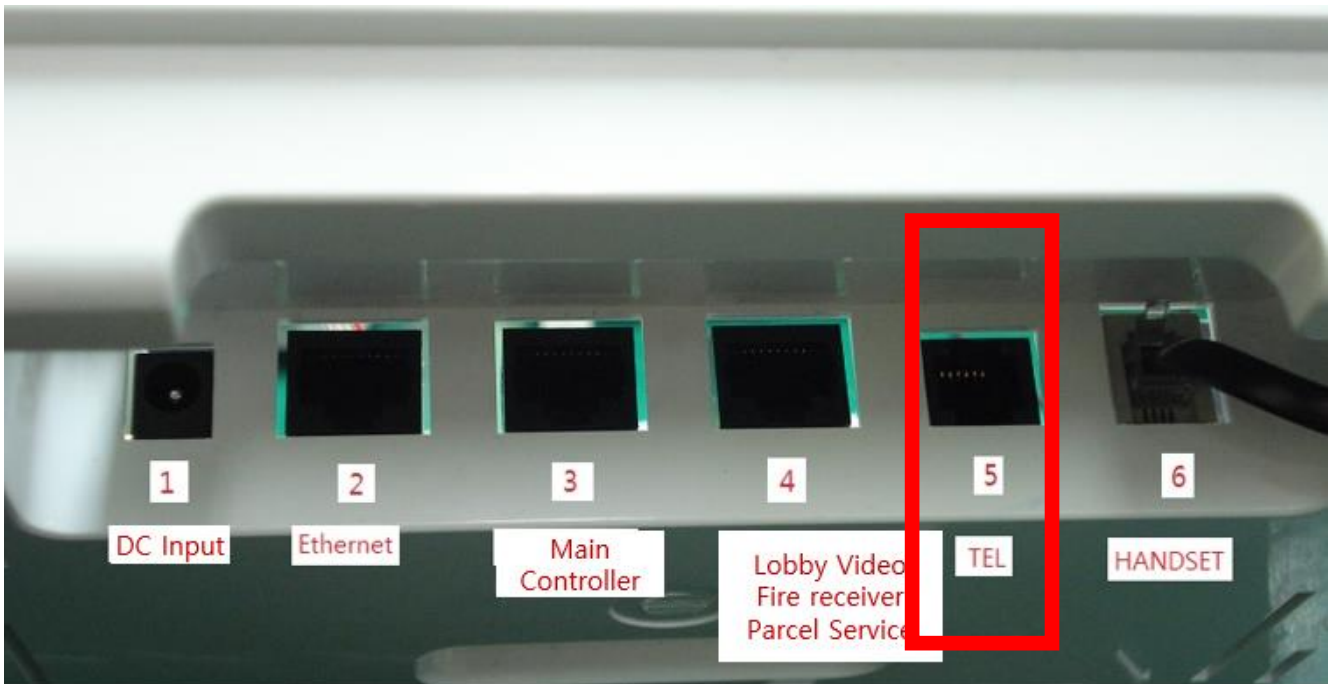
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⑧ Parcel Service_485B: A terminal that connects with parcel service and 485.

- No. 7 & 8, the parcel service is an optional function and must be discussed with HT R&D center in advance.

5. TEL

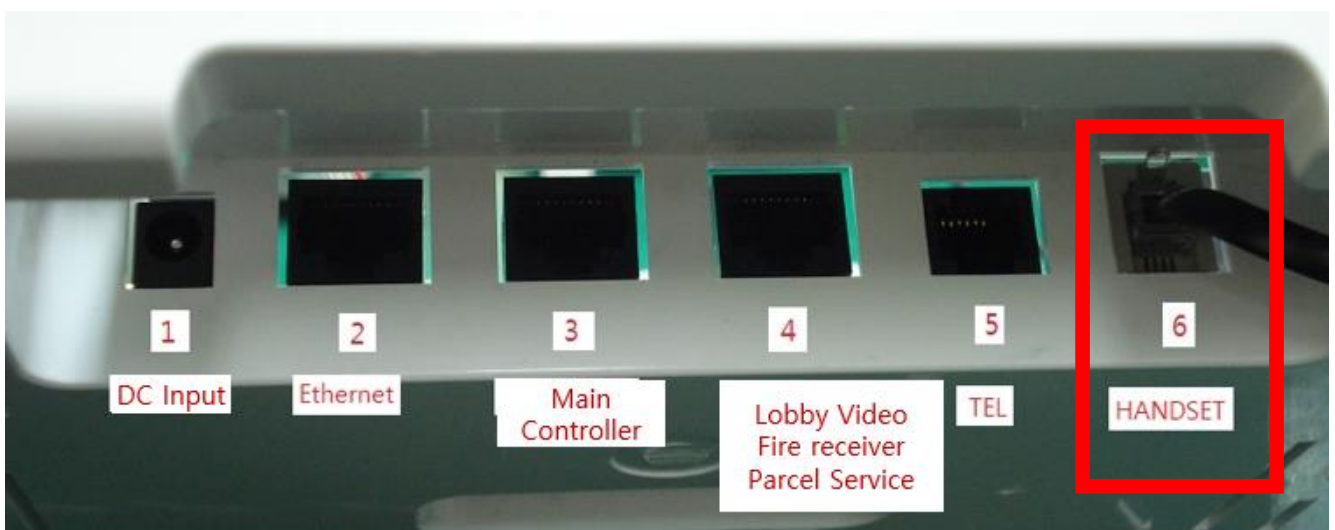
A. Landline.



B. Description.

- NO USE.

6. HANDSET



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- Connect the provided handset.



5.3 Caution

- **HEF-9000 must be connected to COM4.**

6. Installation Precautions

6.1. Order

- 1) Select the installation location of each component.
- 2) Wire as per the wiring diagram.
- 3) Test and operate the system.

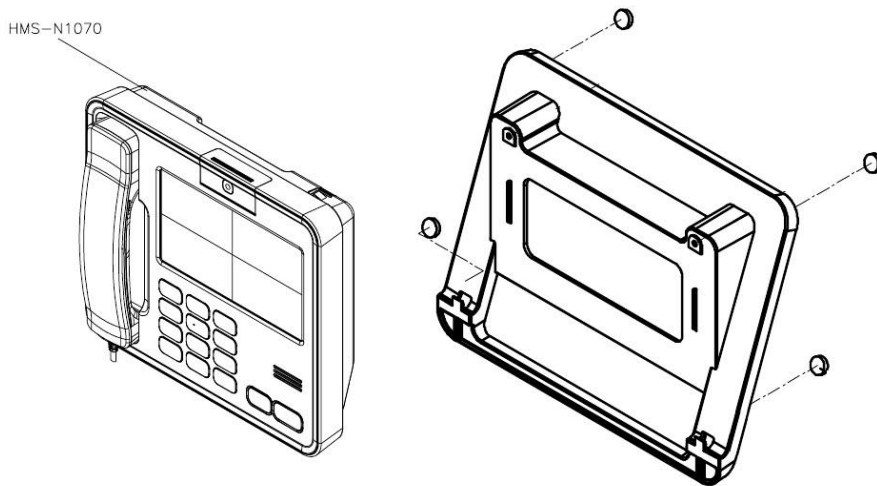
6.2. Condition.

- 1) The ambient temperature is 0°C ~ 40°C but the best is 18°C~26°C and the humidity is good for 20% ~ 70%.
- 2) The installation site shall be clean to avoid dust and direct sunlight.
- 3) Be careful not to get moisture in the installation place.
- 4) Around the system, there should be no devices that generate electric heaters, steam, etc, and motors, strong magnetic materials that affect temperature and humidity.
- 5) Select the installation location that can minimize the wiring length.
- 6) The LCD of the device has a viewing angle, so the state of the screen is different depending on the viewing angle.
- 7) AC110~240V is used for power, and all wiring conditions must be checked before turning on the power switch (Be sure to connect the GND of the power frame.)

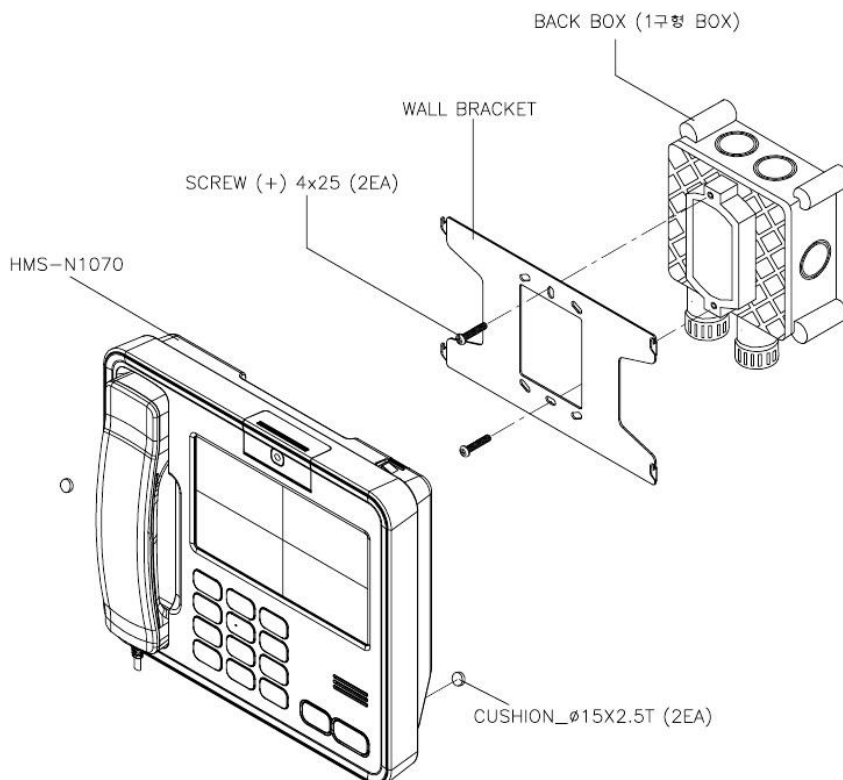
- 8) The length of the LAN cable from the hub (workgroup switch, L2 switch) to the guard phone must not exceed 100 meters.
- 9) In case of the LAN cable is longer than expected, an additional hub must be applied close to the guard office.

7. Installation way.

A. CRADEL type.



B. WALL BRACKET type.



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8. How to Update

A. USB UPDATE



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B. FWDN UPDATE

