

Job Name: _____
 Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Date: _____
 Approval: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

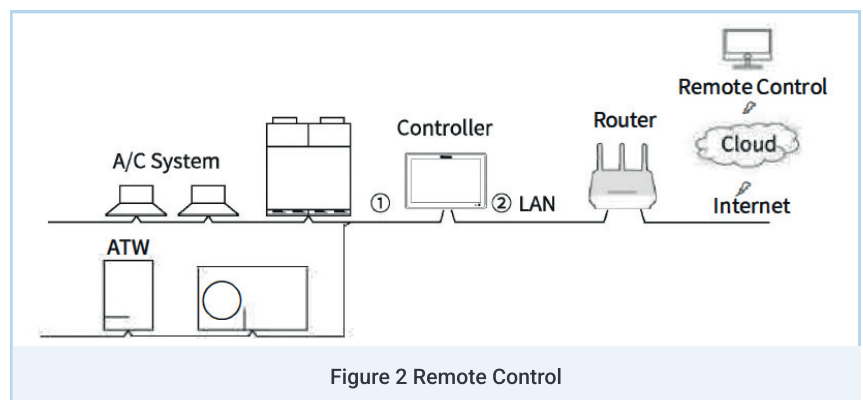
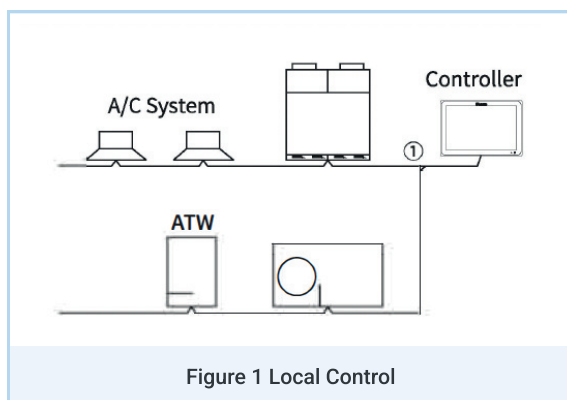


MAIN FEATURES:

Smart Touch II color screen controller, which is mainly used for the supervision of central air conditioning system, can work through both the screen and the Cloud platform.

When supervising from the screen, hereinafter referred to as "local control", the controller can monitor the air conditioners without connecting to network. When supervising remotely, hereinafter referred to as "remote control", the controller has to connect to the Cloud via LAN network interface on a local router. The user can visit to the Cloud at any networked computer to monitor the air conditioners.

- ◆ The local control mode and remote control mode can work simultaneously.
- ◆ The controller connect 160 indoor units and 64 systems at most.
- ◆ The centralized controller supports the connection of up to 20 ATWs. The total number of ATW rooms and indoor units shall not exceed 160.
- ◆ Up to 4 Smart Touch II controllers can be connected to a single H-NET communication bus.



Specification	
Outer dimension W x H x D	252 x 170 x 37 mm
Net weight	1.12 kg
Installation location	indoor
Installation height	over 1.5m above the floor
Installation method	wall built-in, wall surface mounting, case
Connected indoor unit (Qty)	max. 160 indoor units, 64 systems
Consumption power	maximum 13.5W
Rated power supply	AC 100~240V 50/60Hz
Ambient humidity	35~90% (free of condensate)
Ambient temperature	5~35 °C

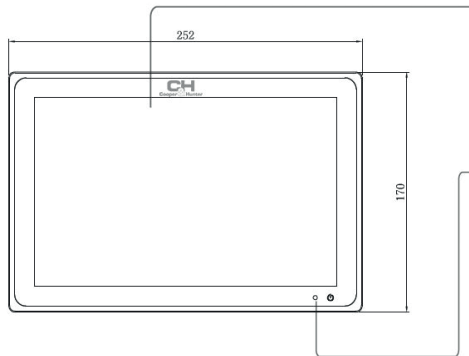
WARNING

Please do not remove the protection lids at "Power fuse". Otherwise, touching the inside can cause a severe electric shock.

No	Terminal	Function
1	External input/output terminal	External input/output functions IN: dry contact signal input, total length <70m. Dry contact input without voltage (normally open), DC12V, I0mA. Contact switch is allowable. When inputting the pulse, the width should be greater than or equal to 100ms. OUT: DC12V output (max. output AC <75mA), total length <70m. Dry contact output (DC12V). GND: signal ground wire.
2	RS485-1 interface terminal	Reserved function.
3	RS485-2 interface terminal	Reserved function.
4	RS485-3 interface terminal	Reserved function.
5	H-NET commu. terminal	Connect to H-NET Communication Terminal 1 and 2 on air conditioning system. Shielded twisted-pair cables of over 0.75 mm ² are recommended, total length <1000m, and single-end grounding of the shielding layer.
6	LAN network interface	For connecting with a router. Network cable of CAT 5e and above are recommended, total length <100m.
7	Power input terminal	Power supply: AC100~240V 50/60Hz. Cables of over 0.75mm ² are recommended, and ground properly.
8	Micro SD memory card slot	Reserved function.
9	RESET	Press this button to restart the controller immediately.
10	USB interface	Insert the flash disk (FAT32 only) for operation personnel only.
11	Power fuse	For current protection.

Description and functions:

Front



Colored LCD touch screen

Operate and monitor A/C bytouching the screen.

Backlights turn off automatically if the touch screen is in idle state after a while.

Power LED indicator

Indicates the status of power supply

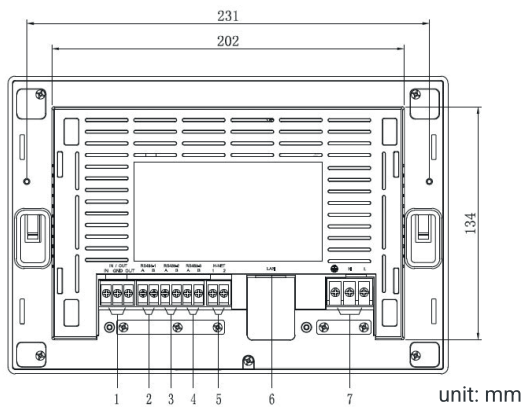
LED OFF: power off

LED ON: power on

unit: mm

Figure 3

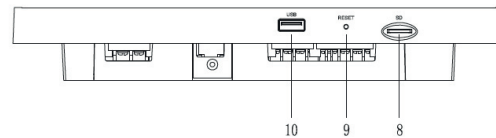
Back



unit: mm

Figure 4

Bottom



unit: mm

Figure 5

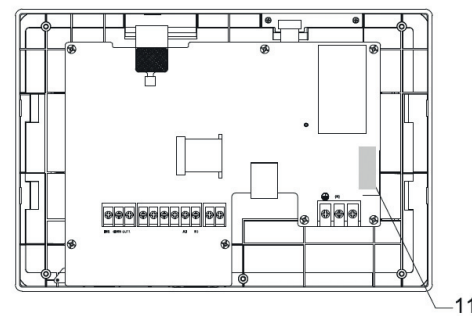
Side



unit: mm

Figure 6

Remove Back Cover



unit: mm

Figure 7