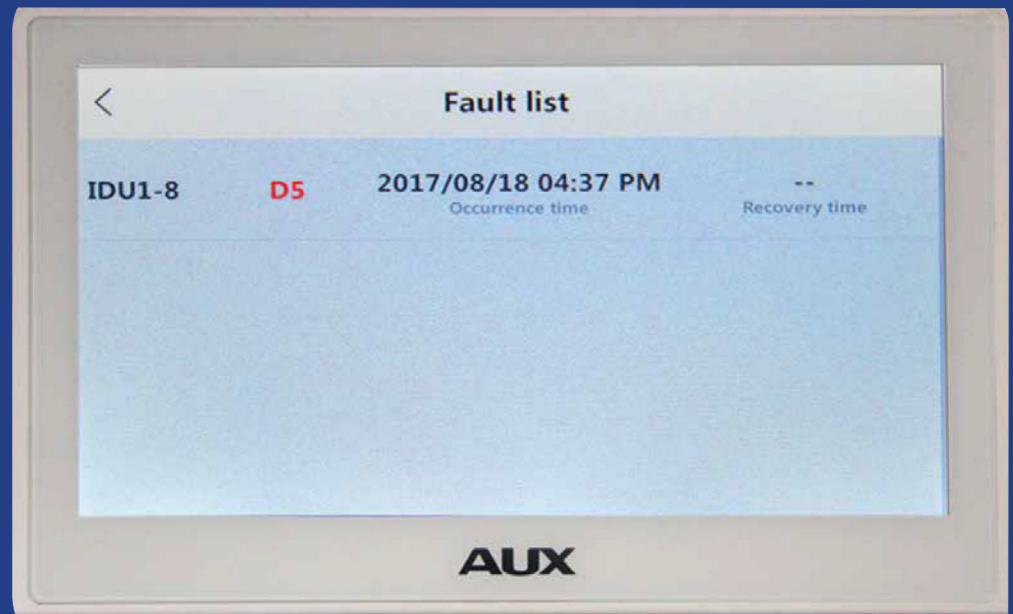


Centralized Controllers



Centralized Controllers



Locking
Operation
Mode

Lock
Remote
Controller

Locking
Keyboard

■ Touch Screen Centralized Control

AUX touch screen centralized controller is a multifunctional device that can control up to 256 indoor units within a maximum connection length up to 1200 meters. Users can enjoy the flexibility of either controlling multiple units as a group or controlling each unit individually.

■ Multiple Lock function

The new central controller can also lock functions of individual user remote controllers for convenient management of your central ac system.

■ Multi-system Control

256 indoor units with no repeated address from different outdoor systems can be controlled centrally. This greatly reduces system limitations.



■ Weekly Schedule Control

The CC-02 centralized controller's weekly schedule timer function allows users to set up to four scheduled periods per day, each with its own operation mode and temperature setting.



■ Built-in Timer

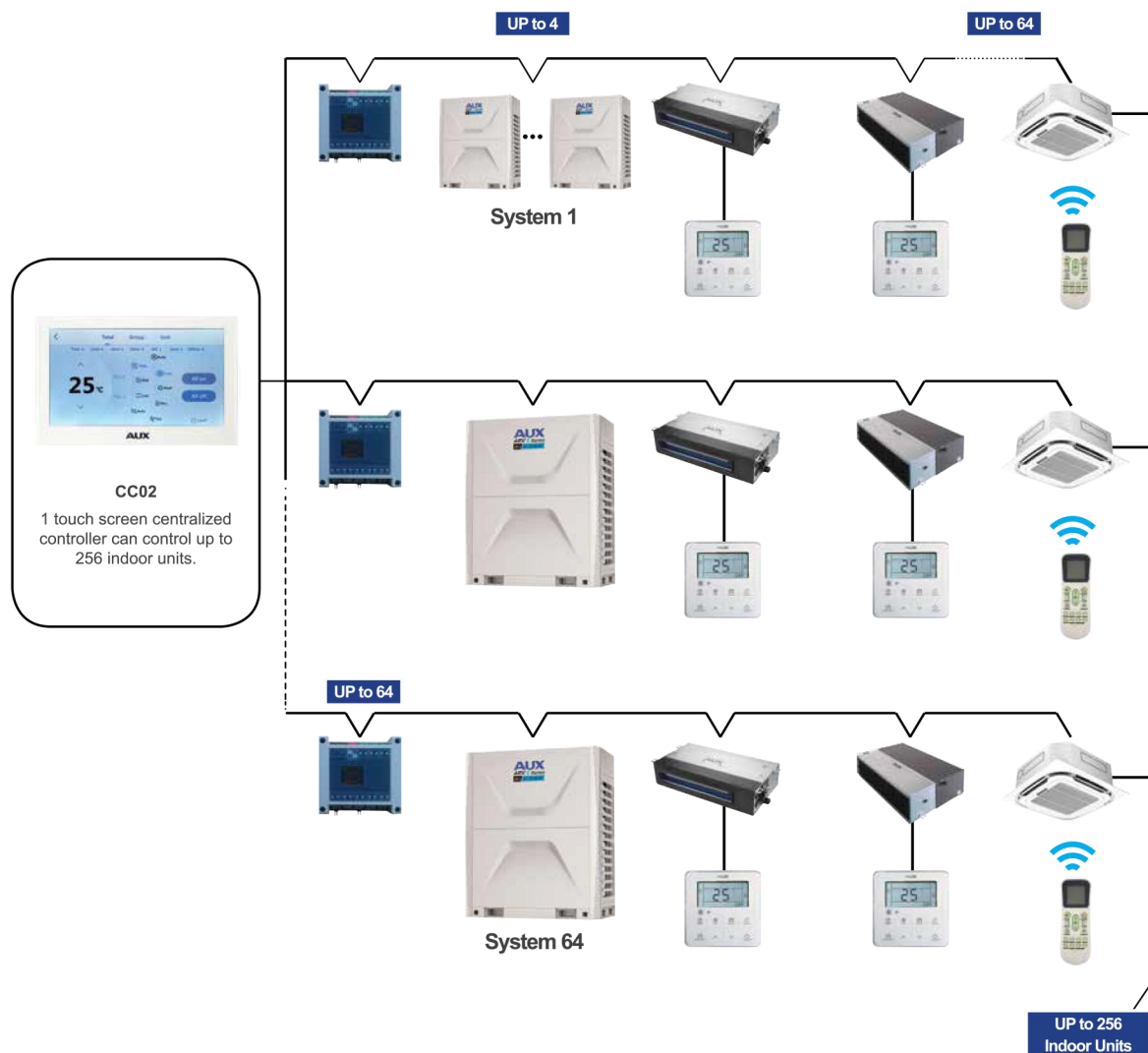
Error and protection codes are shown directly on centralized controller's displays, no need to access outdoor unit's PCBs to obtain codes. The building management professionals could inquire a wide range of historical error and protection codes to get the system status information before contacting a service engineer.



Centralized Controllers

Flexible Wiring

The centralized controllers could be connected directly to the master outdoor unit or any indoor unit of each system. This significantly simplifies the wiring configuration.



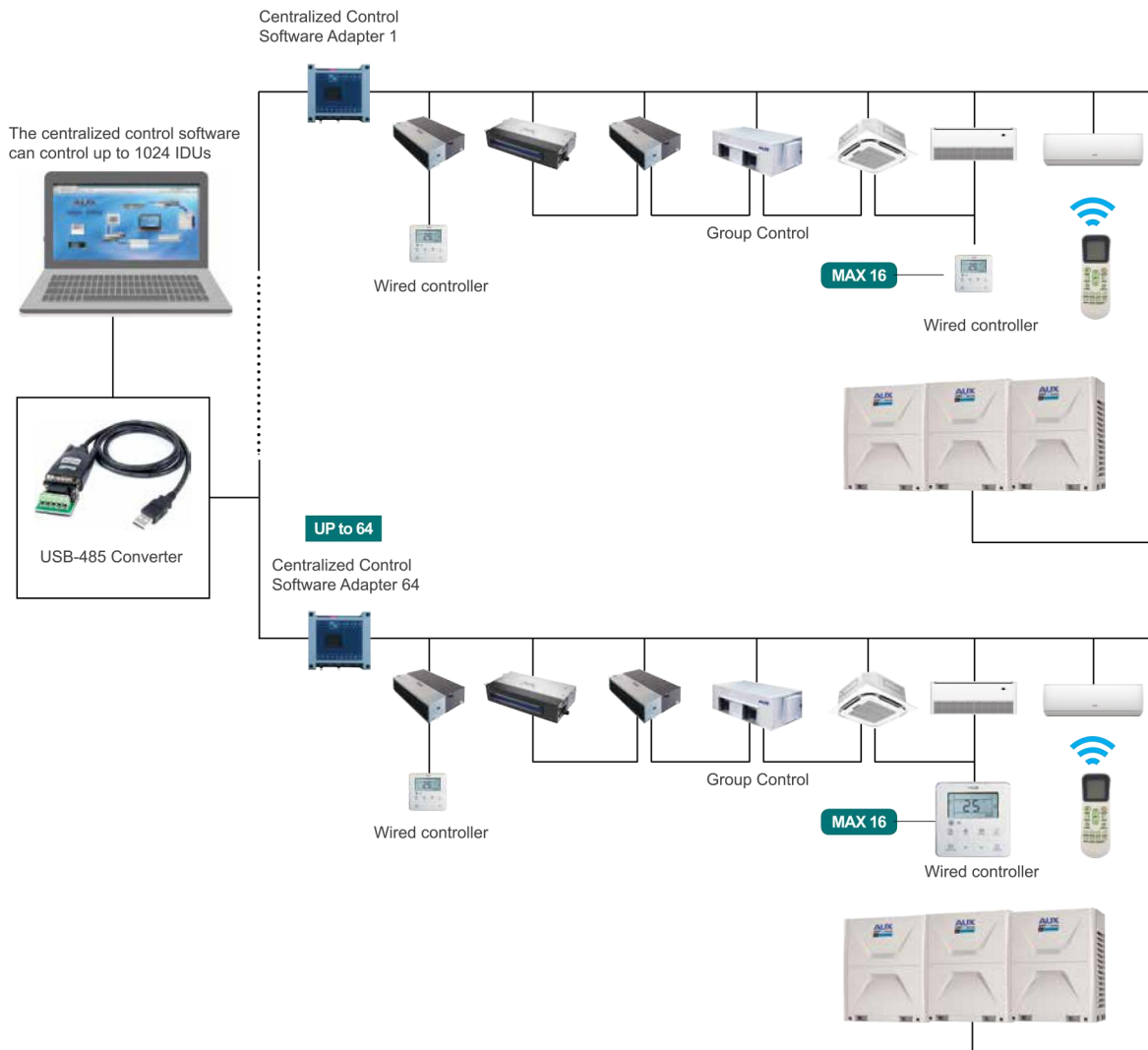
Specification

CC-02		
Dimension (WxHxD) (mm)	176x116x12 (Outside the wall)	120x60x25 (Inside the wall)
Power supply	AC 180-240V (50/60Hz)	

Centralized Controllers

Software

System Overview



Users do not need to be on site, they can monitor the function of units through the use of a computer. This greatly improves the convenience of daily management and the efficiency of central air conditioners;

Timely find the fault and save the maintenance cost of air conditioner units, minimize losses;

Timer function with multi-period week, fully automated schedule planning of unit;

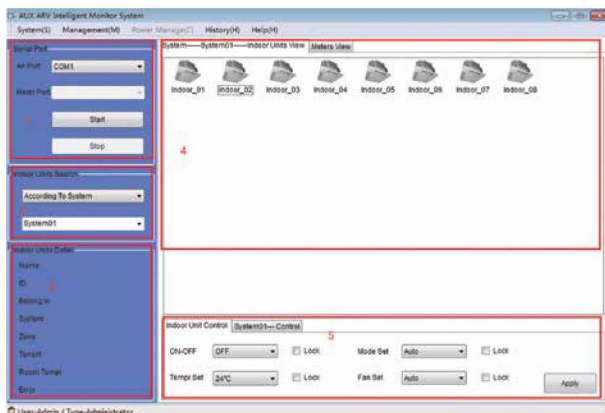
Centralized Controllers

Software

Main Components Of Centralized Control System

No	Main Components		Requirement & Function
1.	Host Computer		Operation system: Windows XP SP2 and above, Windows 7
2.	Communications adapter plate		Computer and communication protocol and unit end communication protocol are incompatible with each other, must add communication adapter plate to make both communicate. Each ARV system matches 1 adapter plate.
3	RS-232 to RS-485/422 converter		The centralized control system RS485 network signal conversion for RS232 serial signal to achieve the interconnection of computers with centralized control system.
	USB to RS-485/422 converter		The centralized control system RS485 network signal conversion for USB to achieve the interconnection of laptops with centralized control system.
4	RS-485/422 Repeater		Extend the communication distance and increase the number of RS-485 bus network. The repeater is not required, only when there is more than 30 systems or communication distance is more than 800 meters.

Software Introduction Main Interface



Area 1

Serial setting area, choose the serial and press “Start Working” button, system will in operation, press “Stop Working” button, system will stop working;

Area 2

The inquire area for air conditioner unit, it can be divided into the system inquire and user-defined group inquire, the inquired unit will be displayed in area 4.

Area 3

Display area of single air conditioner indoor unit, select one of indoor units in area 4, then the area will display the name, ID (address of indoor unit), system belonged, group belonged, current condition, the room temperature of indoor unit, failure etc.

Area 4

Display area of air conditioner group, as shown in above picture, it displayed all the indoor units in the group System01.

Area 5

Control area of air conditioner, it can control one single air conditioner and some air conditioner group, this will be described in detail later.