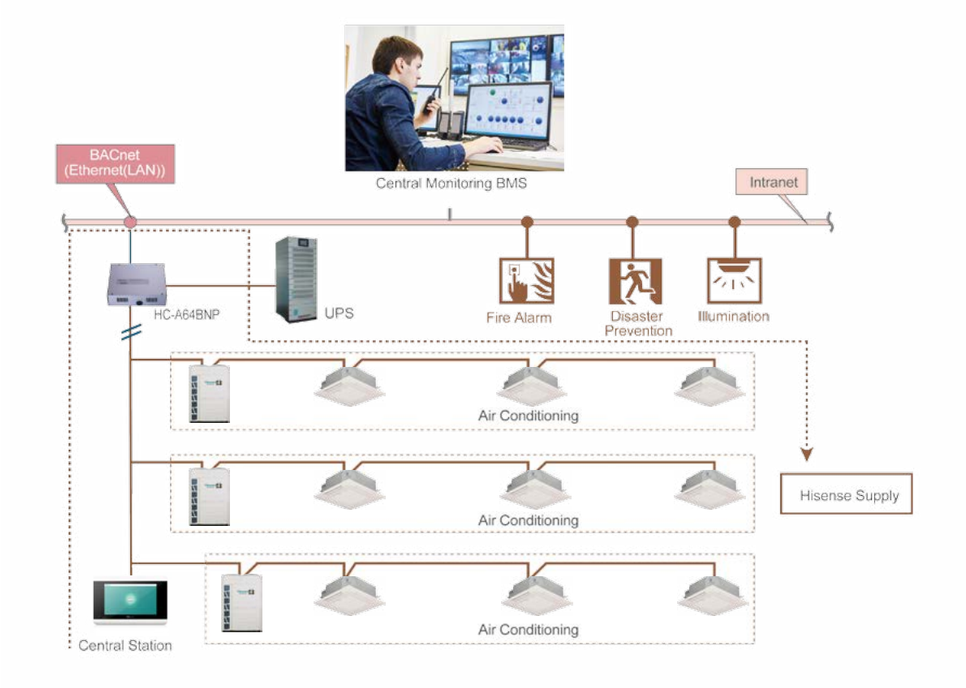
Building Management System

Compatible to multiple communication protocol of BACnet, MODBUS etc. Connectible to BMS or Smart Home System via HC-A64BNP or HCPC-H2M1C all of which can connect to Max. 64 indoor units.

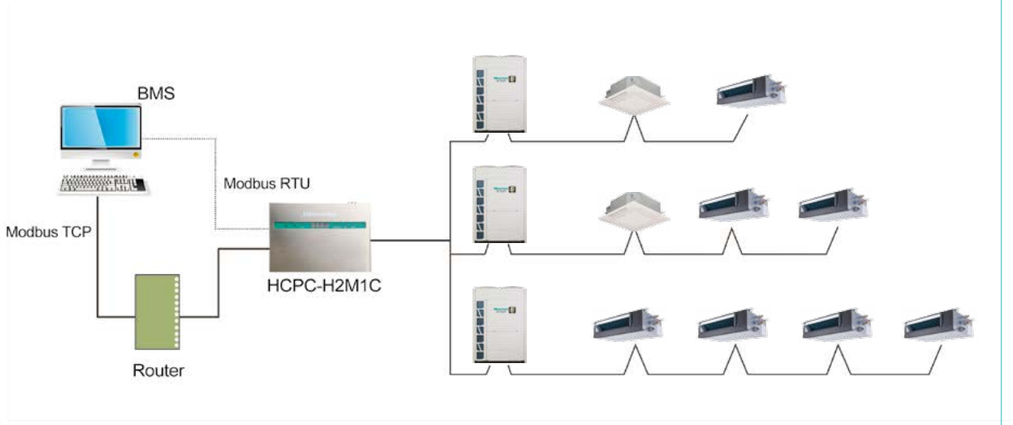
Real-time operation status monitoring for inquiry
Operation order from monitoring center

HC-A64BNP BACnet



- Running-state Monitoring / On-off Setting
- Operating Mode Setting
- Temperature Setting and Monitoring
- Airflow Setting and Monitoring
- Alarm Monitoring and Code Display
- Communication Failure Display
- Wireless Controller Permission/Prohibition
- Indoor Temp. Monitoring
- Filter Cleaning Prompting

HCPC-H2M1C Modbus



- On-Off Setting
- Operating Mode Setting
- Airflow Setting and Monitoring
- Wind Setting and Monitoring
- Temperature Setting
- Inlet Air Temp. Monitoring
- All Units On/Off Control
- Alarm Monitoring and Code Display

Converter Specifications

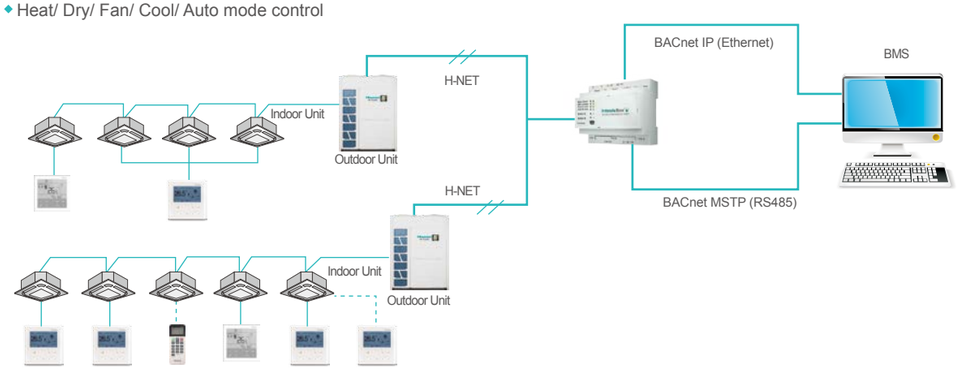
Item \ Converter	HC-A64BNP	HCPC-H2M1C
		
BMS Connection	BACnet	Modbus
Power Supply	AC100~240V±10%(50/60Hz)	AC100~240V±10%(50/60Hz)
Connectable Central Controller	HYJM-S01H	HYJM-S01H, Hi-Dom, HYJ-J01H
MAX.Number of Connectable Indoor Units	64	64
Dimension（LxWxH）	240mm×204mm×70mm	220mm×140mm×50mm

BACnet

Intesis Box BACnet server makes available the Hisense VRF conditioning system through independent BACnet objects. It can be applied to third party intelligent control system with BACnet/IP or BACnet MSTP protocol.

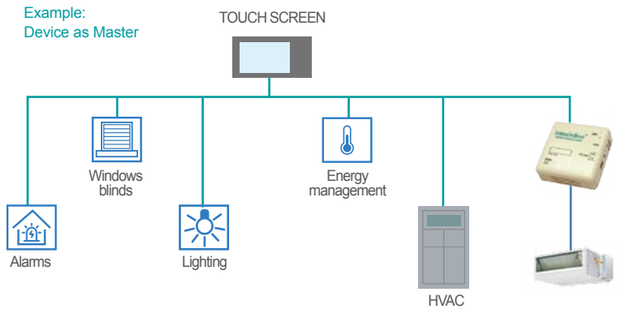
Main Functions

- Central control of all indoor units
- Indoor unit data monitoring
- Heat/ Dry/ Fan/ Cool/ Auto mode control
- Vane position swing control
- Function prohibition of wired controller

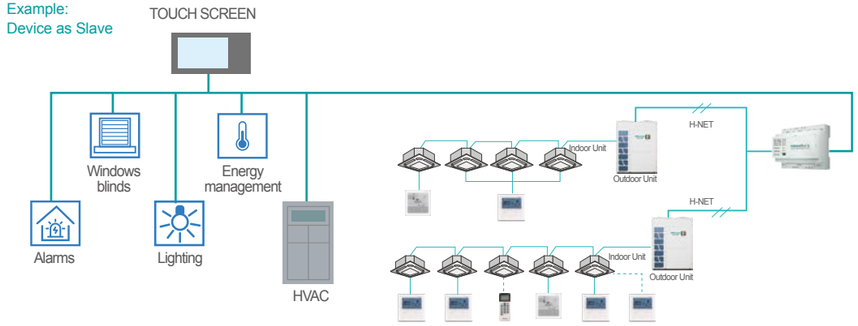


KNX

- Multiple objects for control and status (bit, byte, characters…) with KNX standard datapoint types.
- Control of the AC unit based on the ambient temperature read by the own AC unit, or in the ambient temperature read by any KNX thermostat.
- Total Control and Monitoring of the AC unit from KNX, including monitoring of AC unit's state of internal variables,
- running hours counter (for filter maintenance control), and error indication and error code.
- Up to 5 scenes can be saved and executed from KNX, fixing the desired combination of Operation Mode, Set Temperature, Fan Speed, Vane Position and Remote Controller Lock at any moment by using a simple switching.



- IntesisBox KNX – Hisense AC is a communication gateway for the integration of Hisense air conditioning systems into KNX TP-1 (EIB).
- Wide range of monitoring & control datapoints available.
- Outdoor unit's signals available for the integration.



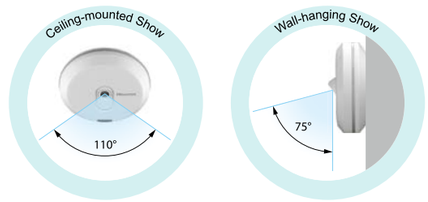
	Model	H(mm)	W(mm)	D(mm)	Max.number of connectable indoors units
KNX	HS-RC-KNX-1i	70	70	28	1
KNX	HS-AC-KNX-16	90	88	56	16
KNX	HS-AC-KNX-64	90	88	56	64
BACnet	HS-AC-BAC-16	90	88	56	16
BACnet	HS-AC-BAC-64	90	88	56	64

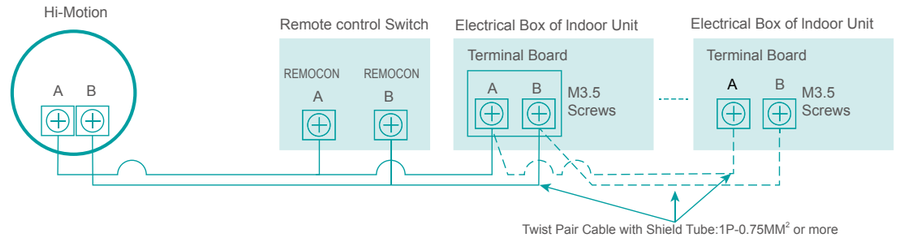
Hi-Motion

intelligent sensor

Main Functions

- High Precision
  Adjust AC temperature precisely according to the number of users
- Wide Range
  Sense as much as 70m^2 with almost no blind area
- High Energy Conservation
  Turn off AC automatically when nobody is in the room





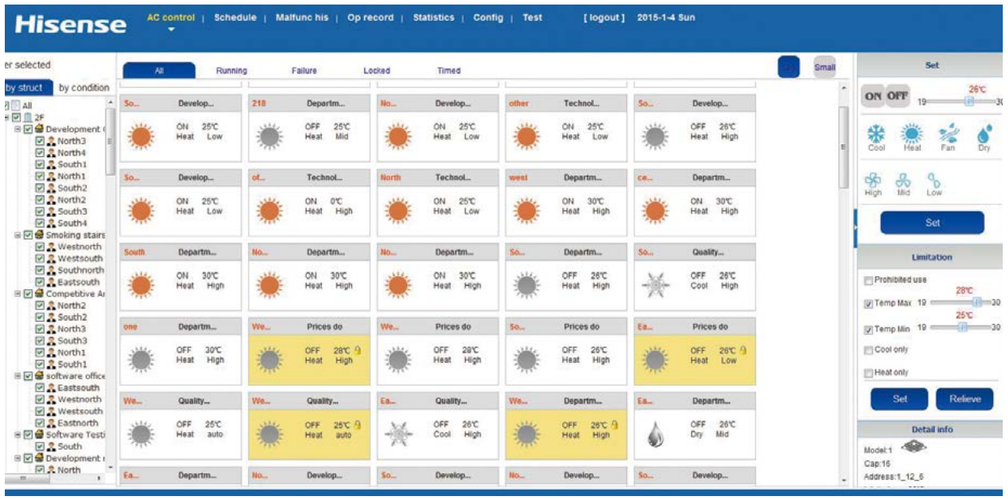
Hi-Dom Air Conditioning Management System

Centralized Control

Hi-Dom air conditioning management system adopts communication bus connection, air conditioning indoor units are connected to the computer through network converter; the system is all controlled automatically by a computer with powerful functions and simple operation. One single computer control system can manage 4,096 indoor units.

Main Functions

- Running-state Monitoring
- Determine the Temperature Limit
- Running Records Display
- Controller Prohibition Function
- Access Control
- Automatic Operation According to Settings
- Multifunction Alarm
- Service Monitoring

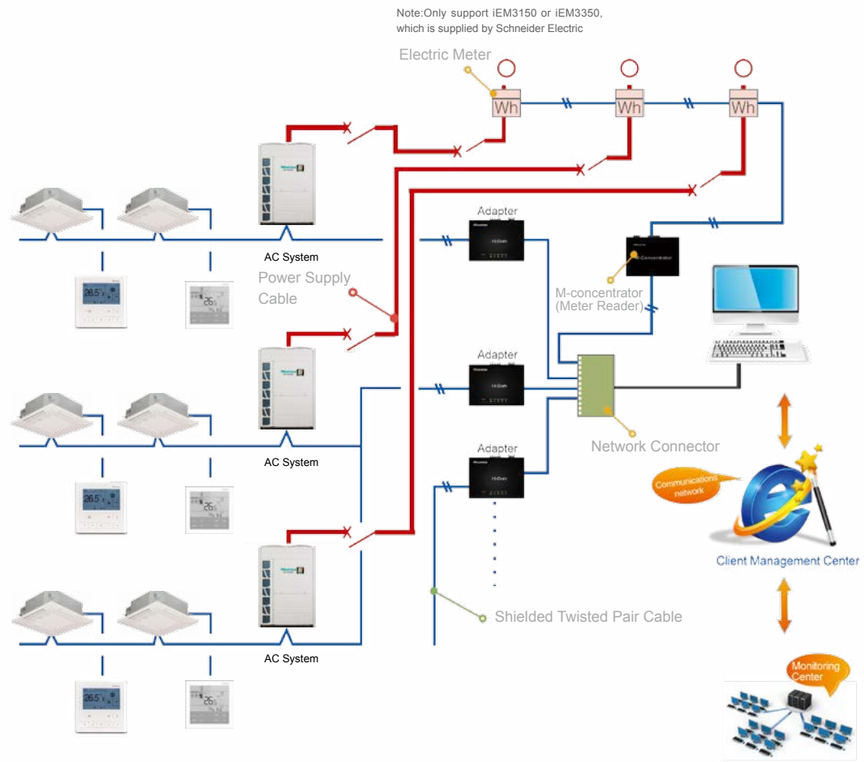


All the indoor units and outdoor units connected with one adapter comprise one communication BUS system.
Max.128 indoor units can be connected to an adapter.
Max.32 adapters can be controlled by one computer.
Max.4096 indoor units are under control.

Electric Charge Allocation

Hi-Dom air conditioning management system consists of meter reading system and air conditioning management system. In accordance with the operation time and capacity output of indoor and outdoor units, the electric charge allocation software allocates the total power consumption to each indoor unit.

Note:Due to different laws and regulations in different regions, Hisense electrical charge calculation software need to customize processing in project according to the users' requirement.



Hi-Dom System Specifications

	Model Name	Power Supply	Dimension(mm)	Charging Function
Adapter (Hi-Dom)	HCCS-H128H2C1YM	DC 12V	180×110×40	With charging function
	HCCS-H128H2C1NM	DC 12V	180×110×40	Without charging function
	HCCS-H247R4C1E	DC 12V	180×110×40	——

Note:HCCS-H247R4C1E is an essential equipment for HCCS-H128H2C1YM to charging.