System Connection Diagram

No scene control / INNER-BUS
MHR0605 MIX18 MHR0410
Power Card Reader Hotel Host AC
HDL-BUS
Facility1 Facility2 RJ45 Facility3 Facility4 Facility5
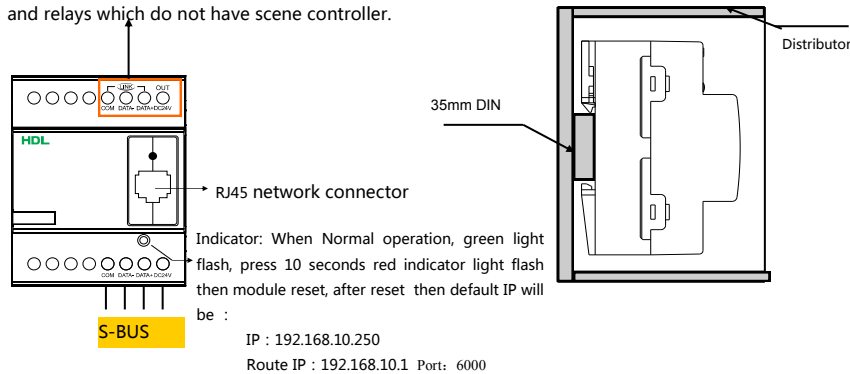PC

Suggest Hand in hand connect
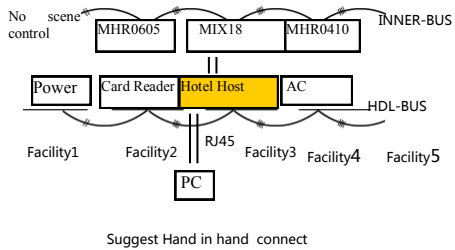
HDL-BUS Definition

Brown White/Orange White color	COM
Blue White /Green White Color	DATA-
Blue Color/Green Color	DATA+
Brown Color/ Orange Color	DC24V

Installation and Connection Instruction

INNERBUS General Line (Power Bus), extend to connect the dimmers and relays which do not have scene controller.

Distributor

35mm DIN

RJ45 network connector

S-BUS

Indicator: When Normal operation, green light flash, press 10 seconds red indicator light flash then module reset, after reset then default IP will be :

IP：192.168.10.250
Route IP：192.168.10.1 Port：6000

Pack List

SB-DN-48HNET   1 PC
Installation Manual   1 PC

Safety Use and Maintenance

Read All Instructions in detail before use
Make sure good Ventilation Environment
Pay Attention to Water-proof, shake-proof and dust-proof when using
Non-Rain, Non-Contact with other liquids or corrosive gases
Should be dried in time if invaded by water or liquid
Contact Professional maintenance staff or HDL company when Product has problem

Description

SB-DN-48HNET Hotel room control host which is the core of the hotel system, it can work with mix controller and other relay without scene. Hotel control host's 48 channel must set by hotel management system. Through hotel management system to set , control and monitor doorbell panel, curtain, lights, fan and A/C.

Environmental Condition

Working Temperature-5□~45□
Working Relative Humidity 20%~90%
Storage Temeprature-40□~+55□
Storage Relative Humidity10%~93%

Features

· Soft Reset
· 48 Channel control
· 99 Independent region , 1 region corresponding to 1 scene.
· Total 99 scenes, each scene's running time is (0-250second)
· Each channel have lamp cap, the lower limit , the maximum limit.
· Each channel have light protect delay time (0-250 second)
· Each channel can batch start up delay (0-250Second)
· Switch function: HDL-BUS and Ethernet exchange
· Can identify Insert card module status and set scene and target
· can control the various states of A/C and upload the statue to the monitor software.
· can control the various states of curtain and upload the statue to the monitor software
· Receive various of panel's control signal, deal with channel and module's control.
· High Scalability: add corresponding control component on the master control module when need expand new functions. And the system can work perfect with any exist systems. Such as: BA system, the central control system and security systems.

Performance Parameters

· Bus Power Supply：DC12－30V
· Bus Power Consumption : 40mA/DC24V
· Signal Connector：INNER BUS HDL-BUS
· RJ45 Connector:RJ45-TCP/IP Network connector
· Install Way：Standard 35mm Din Rail
· CE Certificate

Installation Dimension

72   66
88   88

Front Elevation   Side View
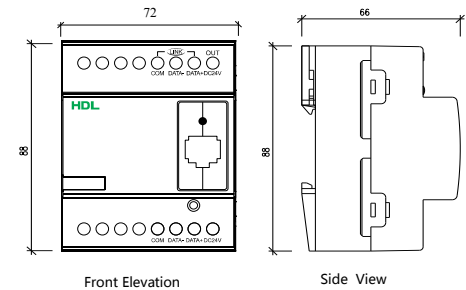
Installation Requirements

RJ45 Network Connect : CAT-5e UTP
485 Bus Connect：CAT-5e UTP
INNER-BUS: CAT-5e UTP
Mounting Position：Electric Switch Box