Description

SB-IR-EM infrared signal transmitter module is the intelligent products to replace traditional remote control, through the "IR learning device" to learn the traditional infrared remote control code and downloaded to the transmitter module, then HDL intelligent control system can control various kinds of electrical equipments with Infrared interface, such as television, air conditioning, DVD, amplifier and other equipment.

Environmental Conditions

Working Temperature: -5°C~45°C Operating Relative Humidity: 20%~90% Storage Temperature: -40°C~+55°C Storage Relative Humidity: 10%~93%

Protection Grade: 2.0

Features

Current detecting function for identify device On/Off status Up to 253 key command codes (Remote codes) Key command codes received by IR learner. Communication Protocol: 485

Performance Parameter

. Input Voltage: DC 12-30 V

. Input Current : 15mA/DC 24V

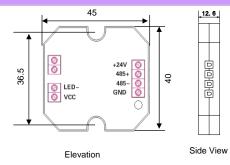
 Remote code storage: Save up to 253 infrared codes, the specific code based on the actual length and number of needs.

. Transmitting carrier wave frequency: 38KHz

. emission distance: 7 M

. Exterior Size: 45mm×40mm×12.6mm

Installation Dimension

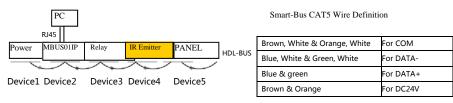


Installation Requirement

When you need to use the current detect function, it should be installed near the equipment Directly connected to the power switch, please pay attention to safety.

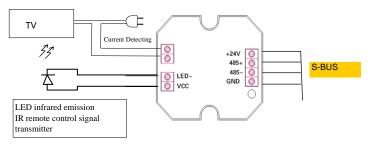
Bus connection: CAT-5 UTP

System Connections Diagram



Recommended Connection: Hand in Hand

Wiring for installation



Note: Only when the device "on" and "off" using the same infrared codes that needs to increase the detection circuit terminals, to distinguish the current state of equipment, see above television diagram as example, to connect power lines with the current detecting terminal for detect equipment on/off which helps to make the right control of the equipment.

Packing List

SB-IR-EM 1PC
Installation Manual 1 PC

Safety 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