

IR-8302ex V3 Collection of infrared controller



IR - 8302ex v3

Introduction

Increasing demand for home automation control, audio-visual equipment, air conditioners, computers and other multimedia players, and all kinds of equipment with the infrared remote control feature brand increased, encoding format with the control equipment and increasingly complex needs, such as special in recent years The RC5/RC6.

Another example is the air-conditioning, lighting and other special equipment itself because of functional considerations, the infrared codes to the length of the growing, diverse brand infrared encoding the list goes on.

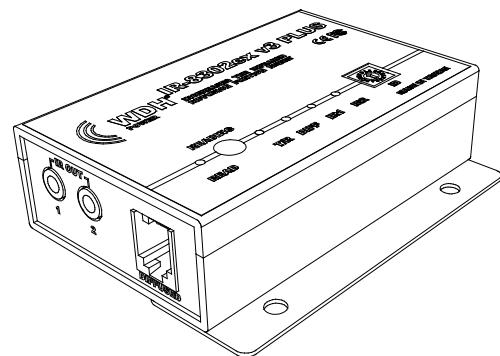
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8302 V3 apart from a powerful infrared learning function, carrying large memory is also one of the characteristics of 8302 V3 a special circuit design makes 8302 V3 a carrier recognition.

Furthermore, in order to facilitate the use of works, 8302 V3 reject the previous study used infrared editing software, all the action has the full protocol.

Two completely separate infrared transmitter and IR diffuser design with improved hardware program planning, making 8302 V3 the port is no longer confined to the control group number, which raised more flexibility and mobility of control.

With more than functional integrity 8302 V3 can not only replace the infrared remote control, but also to control home automation can be applied to video conferencing systems, E-classroom, access control, remote control, lighting, and other automated control equipment.



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Specifications

- A power supply / learning / communications / restore, and other status indicators, clearly shows that the hardware operation of state
- Power input nonpolarity design
- Group 16 with ID do addressability connection, the expansion of more flexible
- Powerful infrared learning, learning all kinds of infrared data, but also simultaneously record the infrared carrier frequency, no matter how strange the infrared can easily save and restore learning
- Carry <66KHz can be collected. Including Carry = 0
- A variety of infra-red learning mode, in addition to general learning mode, 8302 V3 also provides advanced learning mode, enable advanced learning and against the two code can be stored in the same infrared codes reduction location, such as air-conditioners on / off button
- Support groups completely independent of the infrared output, and a decision by the protocol stored in the memory of the infrared port from which the output or output synchronous
- Supports two completely independent infrared transmitters, and an infrared diffuse module, which can be determined

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by the infrared transmitter transmitted by either, or three synchronous output

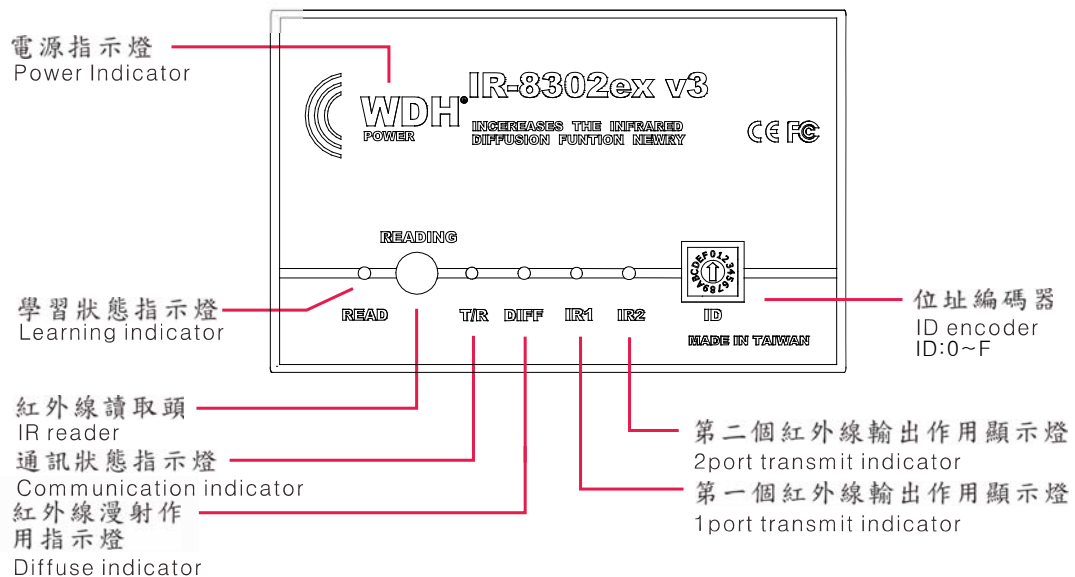
- Diffuse emission module RJ11 terminal for easy extension of the construction, a dedicated wiring adapter ADP-606, with IR-617 (wide-angle ir diffuse module) control equipment operation
- Large memory, the group can complete record of 256 infrared codes in different formats, depending on demand for more memory can be expanded to 512 groups
- Improve the hardware circuit protection facilities, an
- independent group of infrared transmitters can be extended to 100 meters, circuit there is no danger of burning
- Computer software support can be clear identification and analysis the type of IR-mode , easily be stored in the memory of the infrared data to capture, store or copy to another 8302



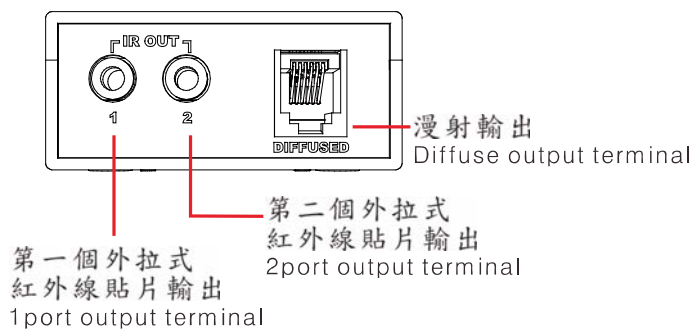
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Hardware

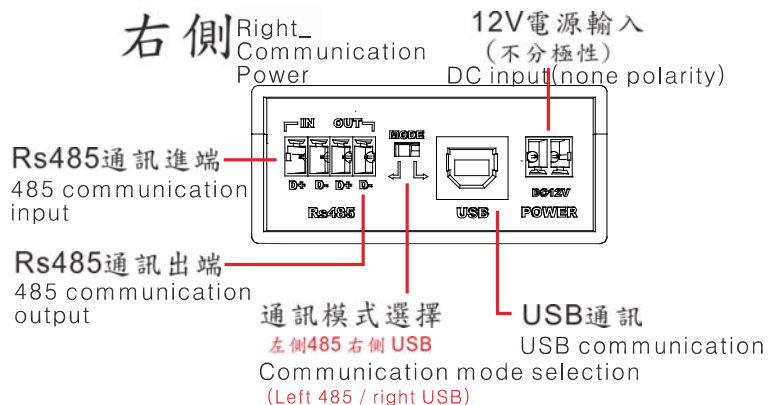
8302 面板 Front panel



左側 Left_ IR output



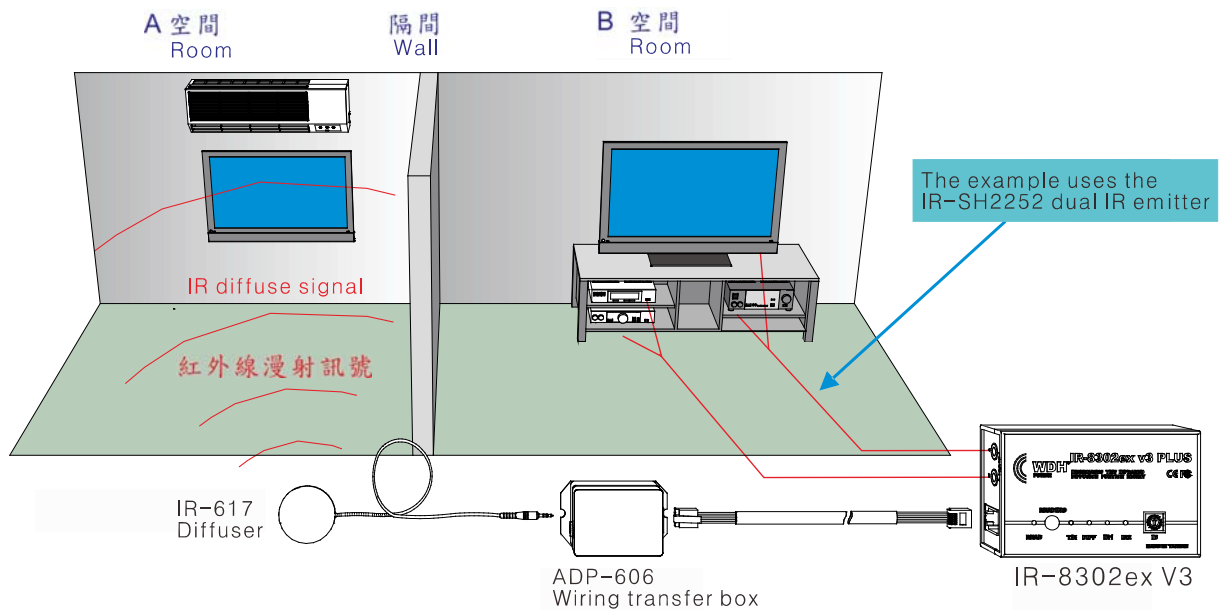
右側 Right_ Communication Power



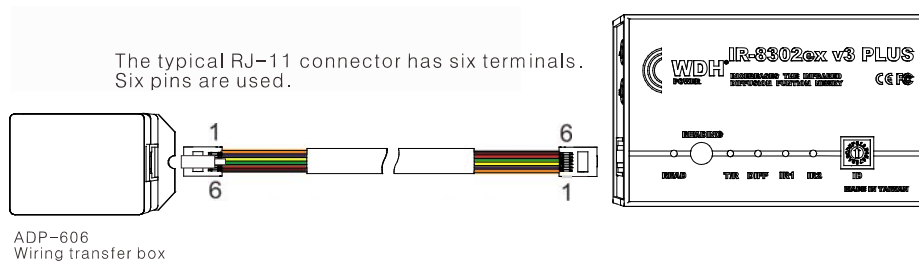
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Examples & Wiring

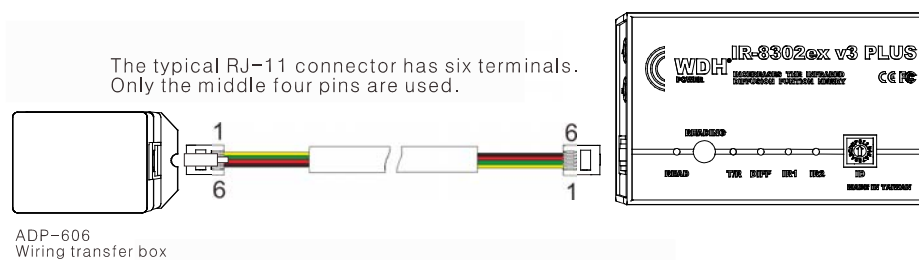
IR-8302ex 實際配線範例 Wiring examples



纜線延伸接線圖 RJ11 cable direction



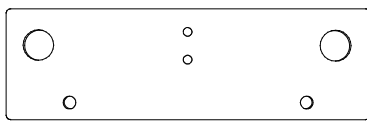
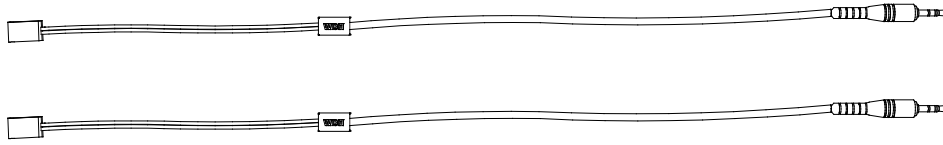
Be careful of the direction of the "hook clip"



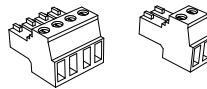
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Accessories

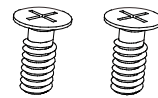
IR-SH2251 IR Emitter Module * 2



Removable fixed iron
* 1



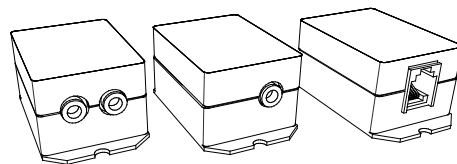
4 / 2PIN Terminal
blocks * 1



Fixing screws
* 2

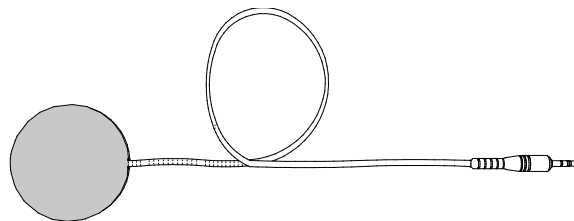
Optional accessories

- A. ADP-606
3.5 headphone jack
to RJ11 transfer box
(Single / double two model)

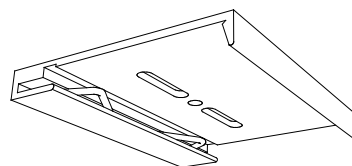


(Double) (Single) RJ11
terminal

- B. IR-617
Wide-angle IR diffuser



- C. AE-005
Standard aluminum rail clip
(For 35mm DIN rail)



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Dimensions and Packaging

Dimensions: 58.8 * 95.2 * 30.6 mm

Weight: 109 g

Input Voltage: DC 12V (non-polarity)

Operating current: 75 mA

Case Material: Fire-resistant plastic

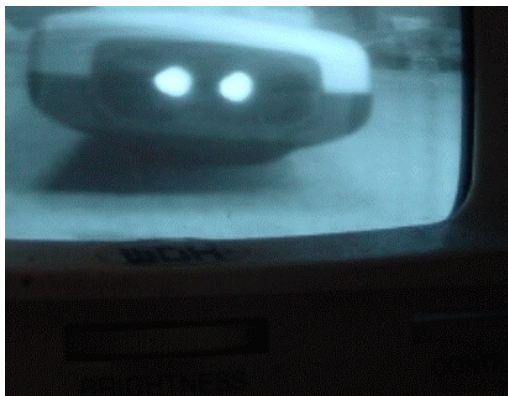
Premium glossy anti-scratch acrylic panel

Packing: environmental carton

Safety regulations: CE / FCC

Learning focus

Remote control transmitter position

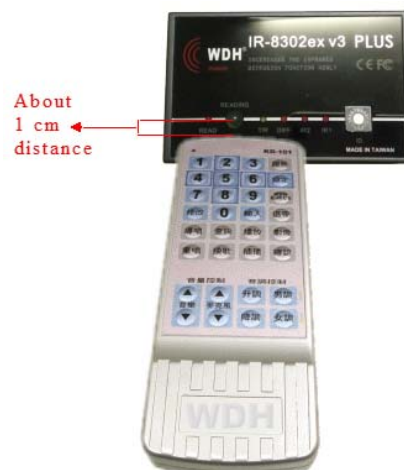


Many remote controls cover the transmitter with a hood. The infrared emission situation and position cannot be correctly judged. The camera can be used to check the IR emission situation and position.

Learning distance

Learning the infrared code of the remote control also records the carrier signal. The distance between the remote control and the IR-8302

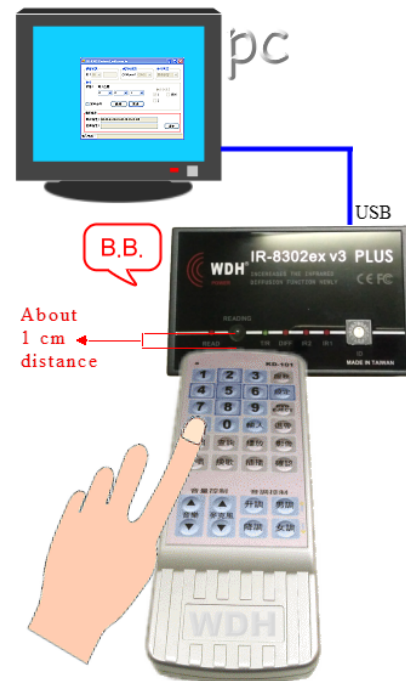
About 1 cm distance



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You must press the remote control button when you are learning, until you hear the learner send B.B.

Important: The remote transmitter position must be aligned with the IR-8302 Learning Receiver About 1 cm distance



Additional information :

This infrared learning device is based on the existing commercial infrared remote control specifications for the design standards, can not guarantee 100% compatibility with all infrared coding on the market.

Some electrical companies because of special needs and develop their own special specifications of infrared remote control, for this type of special coding. Unless compatible with special models compatible models! At this stage of the standard phototransistor is unable to learn this type of coding!

Remind the user must be understand.

The content and features of these products, mainly in real goods, the companies retain the right to amend.