

USB单网线延长器用户手册

特别提示

在使用本产品之前，请务必先仔细阅读本产品使用说明书。  
请务必妥善保管好本书，以便日后能随时查阅。  
请在充分理解内容的基础上，正确使用。  
本公司保留对产品进行更改的权利，由于技术更新产品参数变化恕不另行通知。

产品简介

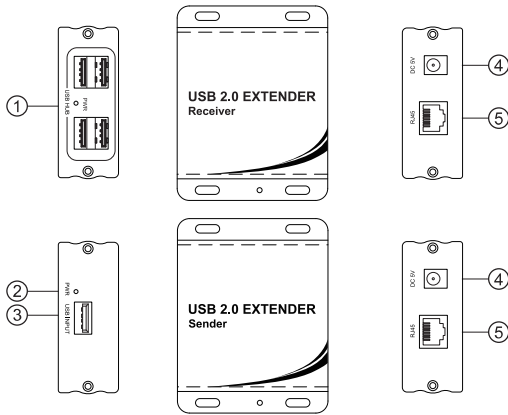
该款USB2.0单网线延长器是由两个独立的单元组成（发射端Sender和接收端Receiver），该产品突破USB传输距离不超过5米的限制，通过低成本的网络就可实现USB信号百米以上延长（CAT5E:100米，CAT6：160米）。支持USB2.0高速、全速、低速设备，支持设备热插拔，无需安装驱动程序，兼容主流操作系统。可广泛应用于工业控制、医疗设备、安防监控、电脑周边产品如打印机、摄像头等领域。

产品特点

- 支持USB2.0 高速、全速、低速设备；
- 支持同时连接4个USB2.0设备使用；
- 使用CAT5E类网线可延长100米，CAT6类网线160米；
- 支持兼容主流操作系统:Windows, Mac OSX, Linux;
- 安装简单，无需额外安装软件即可使用；
- 支持热插拔功能，即插即用；

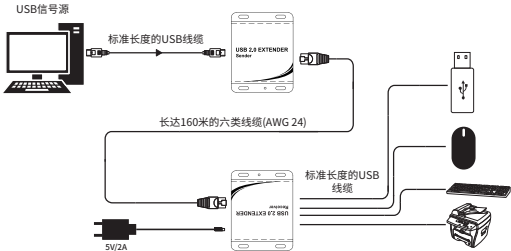
(以产品实物为准)

面板介绍



- ①USB OUT-----USB信号输出接口;用于连接键盘、鼠标、手写板和游戏控制器等USB设备；
- ②PWR-----电源指示灯；
- ③USB IN-----USB信号输入接口；连接电脑/硬盘录像机等；
- ④DC 5V -----电源；外部5V直流电源供电；
- ⑤RJ45-----网线接口；用于连接CAT5E/CAT6线缆。

连接示意图



技术参数

- 输入USB接口-----USB-A/F
- 输出USB接口-----USB-A/F
- 兼容USB版本-----USB1.1 and USB 2.0
- 网线接法-----IEEE-568B
- 最远传输距离-----CAT5E:100m/CAT6:160m
- 输入线缆长度-----≤2m AWG24 USB 标准线缆
- 输出线缆长度-----≤2m AWG24 USB标准线缆
- 电源适配器规格----交流输入(50/60HZ):100V-240V,直流输出:5V/2A
- 工作温度-----0~40℃
- 工作湿度范围-----5~85%RH (无冷凝)
- 发射端尺寸-----75X97X29(mm)
- 发射端重量-----120g
- 接收端尺寸-----75X97X29(mm)
- 接收端重量-----130g

配件清单

序号	名称	数量	备注
1	产品主机 (TX&RX)	1	
2	电源适配器	1	
3	USB线	1	
4	说明书	1	

安全使用须知

- 为确保设备可靠使用及人员的安全，请在安装、使用和维护时，请遵守以下事项：
- 请勿在下列场所使用本产品：有灰尘、油烟、导电性尘埃、腐蚀性气体、可燃性气体的场所；暴露于高温、结露、风雨的场合；有振动、冲击的场合。电击、火灾、误操作也会导致产品损坏和恶化；
- 避免带电状态进行接线、插拔电缆插头，否则容易导致电击，或导致电路损坏；
- 安装和接线必须牢固可靠，接触不良可能导致误操作；
- 本产品通过电源线的接地导线接地，为避免电击，必须将接地导线与大地相连，在对本产品的输入端或输出端进行连接之前，请务必将本产品正确接地；
- 必须将外部电源全部切断后，才能进行安装、接线等操作，否则可能引起触电或设备损坏；
- 在下列情况下，请立即断开电源，并与公司联系：
  1. 设备进水；
  2. 设备摔坏或机壳破裂；
  3. 设备工作异常或展示的性能已完全改变；
  4. 设备产生气味、烟雾或噪音。
- 请不要自己修理设备，除手册中有明确指示外。

USB EXTENDER User Manual

Special Tips

Before using this product, please read this manual carefully. Please keep this manual of future reference.  
Please use the product properly and with full understanding of the contents.  
We reserve the right to make changes to the product without notice due to technical updates.

Product Description

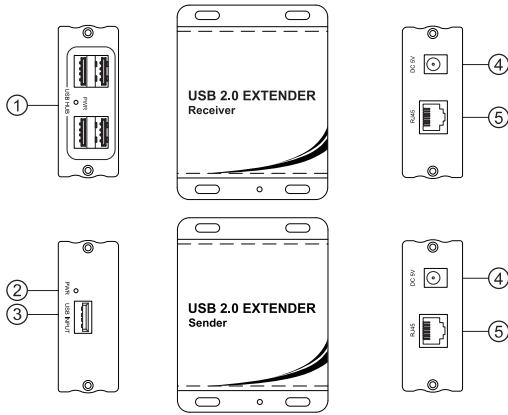
The USB2.0 single network cable extender is composed of two independent units (Sender and Receiver). The product breaks through the limit of USB transmission distance of no more than 5 meters, and can achieve more than 100 meters of USB signals extension through low-cost newtwork cable(CAT5E: 100 meters, CAT6: 160 meters).Support USB2.0 high-speed, full-speed,low-speed devices, support device hot-swap, no need to install drivers, compatible with mainstream operating systems,. Can be widely used in industrial control, medical equipments, security monitoring, computer peripherals such as printers, cameras and other fields.

Product Features

- Supports USB 2.0 high speed, full speed, and low speed devices.
- Supports simultaneous connection of 4 USB 2.0 devices.
- 100 meters with CAT5E cable and 160 meters with CAT6 cable.
- Compatible with mainstream operating systems: Windows, Mac OSX, Linux.
- Easy to install, no additional software is required to use.
- Supports hot-swappable function, plug and play.

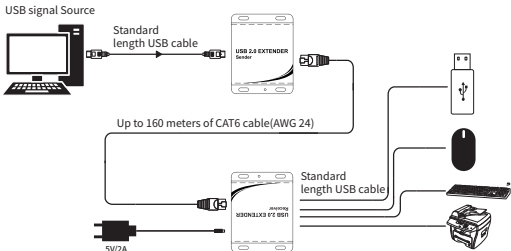
(Please refer to the actual product)

Panel Introduction



- ①USB OUT-----USB signal output interface;Used to connect the keyboard, mouse, handwriting board, and gamecontroller, etc. USB equipments;
- ②PWR-----Power indicator light;
- ③USB IN-----USB signal input interface;Connect the computer and DVR;
- ④DC 5V-----Power interface;Support DC 5V input;
- ⑤RJ45-----Network interface; Connect CAT5E/CAT6 cable.

Connection Diagram



Technical Parameter

- USB input interface-----USB-A/F
- USB output interface-----USB-A/F
- Compatible USB version-----USB1.1 and USB 2.0
- Wiring method-----IEEE-568B
- Maximum working current-----CAT5E:100m/CAT6:160m
- Input cable distance-----≤2m AWG24 USB standard cable
- Output cable distance-----≤2m AWG24 USB standard cable
- Supports data transter rates -----480Mbps
- Power Adapter Specifications----AC(50/60HZ):100V-240V,DC Output:5V/2A
- Operating temperature range-----0~40℃
- Operating humidity range-----5~85% RH (non-condensing)
- Sender Dimension(L×W×H)-----75×97×29mm
- Sender Weight-----120g
- Receiver Dimension(L×W×H)-----75×97×29mm
- Receiver Weight-----130g

Packing List

No.	Name	Qty	Remark
1	USB extender(TX&RX)	1	
2	Power adapter	1	
3	USB cable	1	
4	User manual	1	

Safety instructions for use

- To ensure the reliable use of the equipment and the safety of personnel, please observe the following when installing, using and maintaining.
- Do not use the product in the following places: places with dust, oil fumes, conductive dust, corrosive gases, combustible gases; places exposed to high temperature, condensation, wind and rain; places with vibration and shock. Electric shock, fire, misuse can also lead to damage and deterioration of the product;
- Avoid wiring, plugging and dialing cable plugs in a charged state, which may easily lead to electric shock or cause circuit damage to bonus;
- Installation and wiring must be solid and reliable, poor connection may lead to misoperation;
- This product is grounded through the grounding conductor of the power cord. To avoid electric shock, the grounding conductor must be connected to earth, and the product must be properly grounded before making connections to the input or output of this product;
- The external power must be completely disconnected before installation, wiring, etc., or else electric shock or equipment damage may result;
- In the following cases, please disconnect the power immediately and contact the company.
  1. Water enters the equipment;
  2. The equipment is broken or the case is cracked;
  3. The equipment works abnormally or the demonstrated performance has been completely changed;
  4. The equipment produces odor, smoke or noise.
- Do not repair the equipment yourself, except as expressly instructed in the manual.