YESSYS 研成工业

深圳市研成工业技术有限公司
SHENZHEN YESSYS TECHNOLOGY CO.,LTD

数据中转器DT02

使用手册

- 使用前请阅读本产品使用手册
- 阅读后请妥善保管，并放在便于保存的地方

深圳市研成工业技术有限公司
SHENZHEN YESSYS TECHNOLOGY CO.LTD

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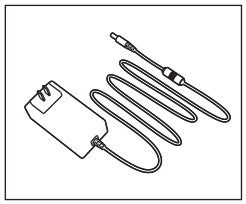
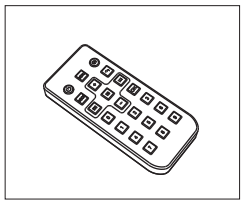
1/产品用途

一个或多个设备采用点对点串接方式组建ZigBee无线网络，收集终端设备数据上传。

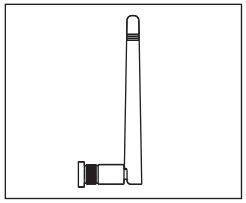
2/确认包装内容



电源

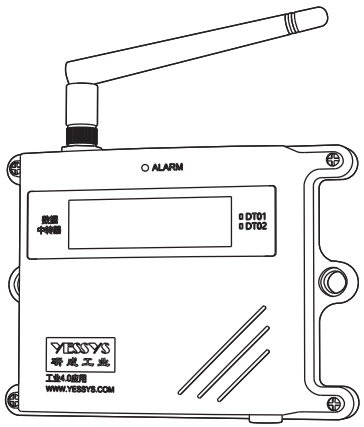


遥控器



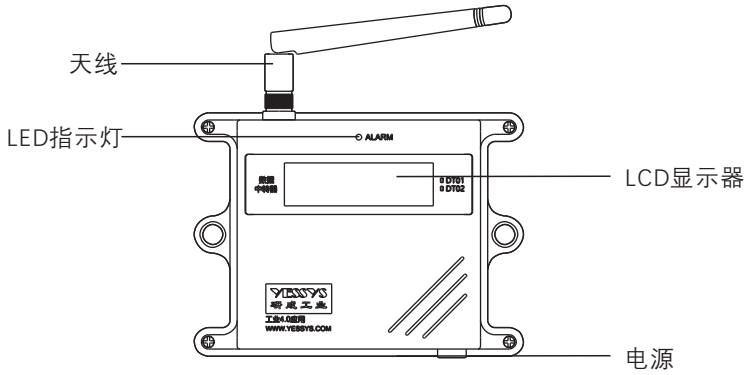
天线

使用手册



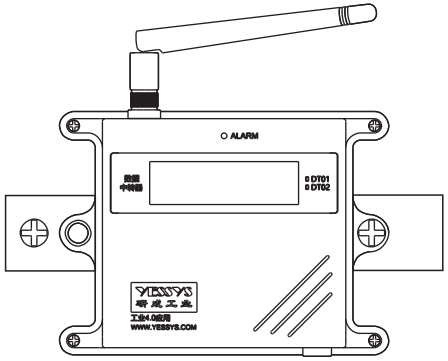
3/产品说明

1 :指示灯：ALARM
亮红色：信号异常。
灯不亮：信号正常。
2 :LCD显示屏
显示上下节点状态：
Fat：父节点，显示该中继器的上一个节点设备号。
Son：子节点，显示其后串接的设备号。



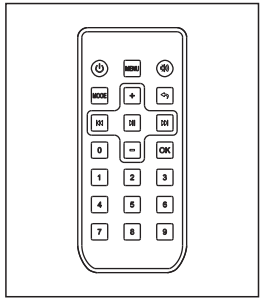
4/安装方式

1：将中转器安装在安装位上，用螺丝钉固定。
2：插上电源线，打开开关，中转器即可工作。



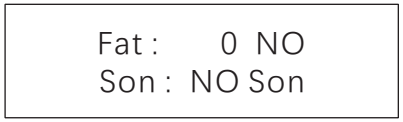
5/遥控器说明

1 : 遥控器对准面板“IR”信号孔。
2 :“MENU”键，进入密码输入界面。
3 :“OK”键，进入设置项目，或保存设置值。
4 :“ ⏮ ”“ ⏭ ”键，选择项目，但必须按“OK”键后才能确认进入该项目进行设置。
5 : “+”“-”“数字”键：设置调整的值。
6 : “MODE”：逐位清除设置的数值。
7 : “ ↩ ”：返回到开机界面。



6/操作及设置说明

初始界面



1 :连接父节点:
a :输入5VDC打开电源，产品显示初始介面，按遥控器上的“MENU”,输入密码“123”，选择“0：Find Fat”，按“OK”确认；

b :再次按“OK”键确认寻找上一级节点设备，此时如有另一台中继器在寻找下一级节点时就会自动对接并显示状态，按“ ⏎ ”返回菜单或初始介面。

2 :连接子节点:
a :在菜单介面按遥控器上“ ⏭ 或 ⏮ ”选择“1：Get Son”按“OK”键确认选择；

b :再次按“OK”键开始寻找下一级节点设备，此时如有另一台中继器在寻找上一级节点时就会自动对接并显示状态，按“ ⏎ ”返回菜单或初始介面

3 :删除子节点:
a :在菜单介面按遥控器上“ ⏭ 或 ⏮ ”选择“2：Delete Son”按“OK”键确认选择；

b :再次按“OK”键删除已连接好的子节点，按“ ⏎ ”返回初始介面

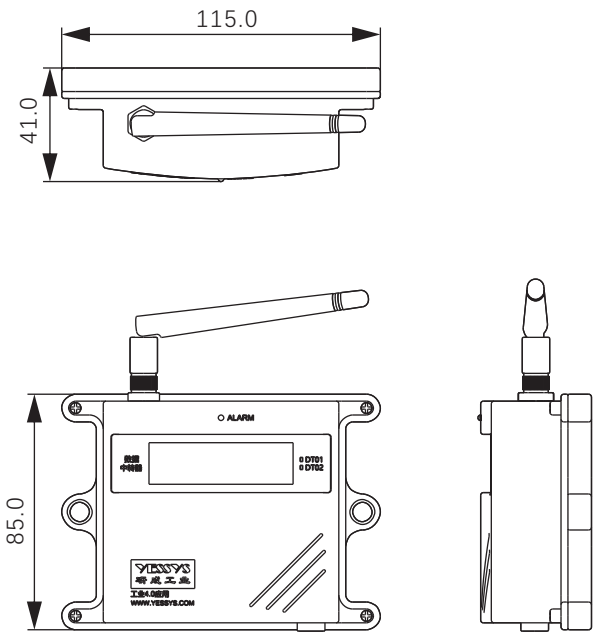
注意：

1 :设置好后连接异常时，面板指示灯会亮红色，显示屏上会用黑底色显示异常位置；
2 :出厂时默认按编号顺序连接；
3 :空旷区域有效连接距离50米。

7/软件安装说明

中转器软件包含：数字化工厂管理系统、物联服务数据收集等软件，安装该软件需客户提供电脑和服务器，服务器配置根据使用数量决定，我司建议服务器配置：系统 Window server 2012、CPU 4核及以上、内存 8G及以上、存储空间 500G及以上，我司可支持在线远程安装或电话指导安装，如有疑问，请致电0755-27447560。

8/外观尺寸图



9/安全注意事项

◆安装使用前请阅读此说明。
◆易燃易爆的环境下不可操设备。
◆不得擅自进行修理。

10/产品保修与服务

产品保证书

YESSYS的产品经过严格的出厂检验，如出故障请与YESSYS联系，并提供故障详细情况。

1:保用期
凡我司出售的产品保用期为一年，自出售日起一年内因产品自身机件、材料及工艺问题造成的质量问题，本公司免费修理。

2:在保用期内，发生如下情况本公司有权拒绝保修服务而酌情收取维修元件费和服务费。
A. 用户使用不当或错误操作导致产品故障；
B. 雷击或安装不当造成烧毁之事故；
C. 标签损回或未经授权而擅自拆开设备进行维修；
3:送修产品请妥善包装运送，运送过程如有破损或遗失，本公司恕不负责。
4:本公司保留最终解释权，如有修改恕不另行通知。

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Data transmitter-Dt02

User guide

- Please read the user guide of the product before using
- Keep it safe after reading and keep it in a convenient place

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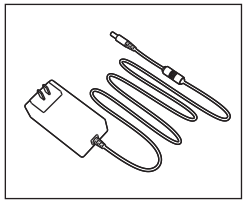
Manual

1/Product application.....
2/Confirm packaging.....
3/Product description.....
4/Install method.....
5/Remote control instruction.....
6/Operation and setting.....
7/Software installation instructions.....
8/Product size.....
9/Security considerations.....
10/Product warranty and service.....

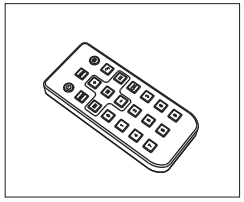
1/Product application

One or more devices use point to point serial connection to form a Zigbee wireless network So as to collect and upload terminal device data .

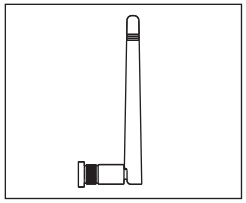
2/Confirm packaging



Power adapter

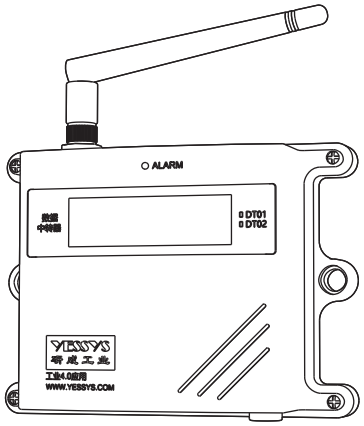


Remote control



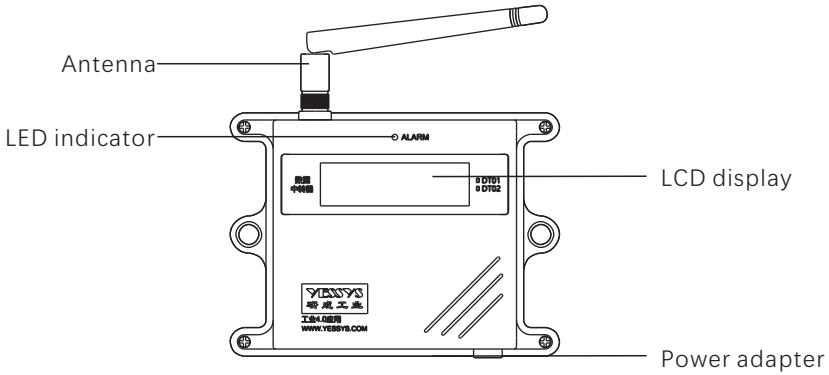
Antenna

User guide



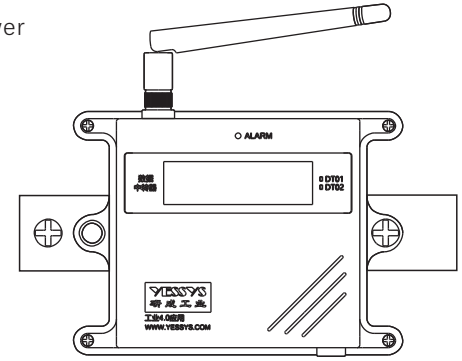
3/Product description

1 :LED indicator :Alarm
Red: Signal abnormal
LED off :Signal normal
2 :LCD display
Display the status of upper and lower nodes
Fat: Parent node, show the number of the previous node of the transmitter.
Son: child node, show the device number connected to the node.



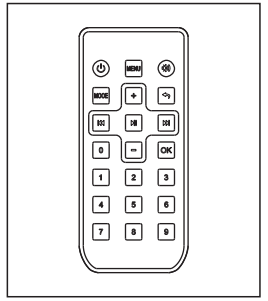
4/Install method

1: To fix the device on the specified place by the screw
2: Plug in the power adapter ,then power on ,the device will start to work



5/Remote control instruction

1 :To align the remote control with the “IR” hole on the front panel
2 :To press “MENU” key to enter the password screen
3 :To press “OK” to set items or save the set value
4 :Press"⏮""⏭"key to select items ,and make sure to press” OK” key to access the setting screen
5 : "+"" - "Number key: Set the adjusted value
6 : “MODE”: clean the value bit by bit
7 : “↩”Return to the boot screen



6/Operation and set instruction

Initial interface

```
Fat :      0  NO
Son :  NO Son
```

1 :Connect parent node:

a :Plug in 5V power adapter and power on ,the initial interface of the device will be displayed ,then press “MENU” on the remote control ,input password “123”, select“0” “Find Fat” ,and press “ok” to confirm selections;

```
0 :Find Fat
1 :Get Son
```

b :Press”OK” key again to confirm to search for the upper-level node device ,if another transmitter is searching for the lower-level node ,it will automatically connect to the device and display the status ,press“ ”to return to the menu or initial interface。

```
Finding Fat...
```

2 :Connect child node:

a :Press the“ ” or “ ” to select “1. Get Son” ,then press “OK” to confirm selections;

```
0 :Find Fat
1 :Get Son
```

b :Press“ok” to search for the lower-level node device ,if another transmitter is searching for the upper-level node ,it will automatically connect to the device and display the status, press“ ”to return to the menu or initial interface

```
Waiting Son...
```


3 :Delete child node :

a :Press the“ ” or “ ”to select “2. Delete Son “, then press “OK” to confirm selection

```
1 :Get Son
2 :Delete Son
```

b :Pess “OK” again to delete the connected child node ,then press“ ”back to the initial screen.

```
Son Self Fat
Not 00      0
```

Note :

1 :The connection is abnormal after setting ,the indicator light will show the red ,and the screen will display the abnormal position with black background color ;

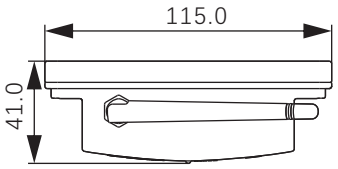
2 :Factory default by serial number connection;

3 :The effective connection distance of open area is 50 meters。

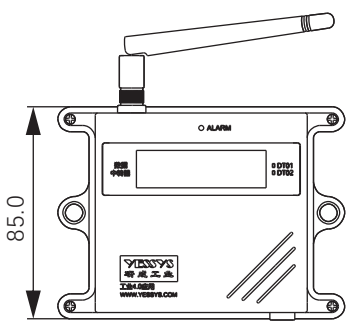
7/Software installation instruction

The transmitter software including :digital factory management system , internet of things service data collection and other software, the computer and service which will be installed the software is provided by the customer ,the server configuration is determined by the number of users,Recommended server configuration : System W indow server 2012, CPU 4 core or above, memory 8G or above, storage space 500G or aboveWe will support online remote installation or telephone installation guide , any questions ,please call 0755-27447560

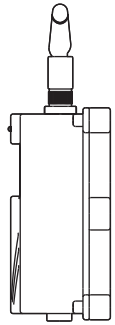
8/Exterior dimensional drawing



Top view



Front view



Right view

9/Safety caution

◆1.Please read the guide before installation and use.
◆Do not operate the device in an flammable and explosive environment.
◆1.Do not repair without authorization.

10/Product warranty and service

Product warranties

YESSYS'S products are strictly inspected by the factory, in case of failure ,please contact YESSYS who will provide detail solution of the failure.

1:Warranty period:
The warranty period of products sold by our company is one year, and the warranty period is one year from the date of sale due to the parts ,material or process quality problem of the product ,we will provide free repair 。

2:During the warranty period ,we have the right to refuse the warranty service and charge the repair component fee and service fee as appropriate under the following status:
A. Product failure caused by improper use or wrong operation by the user;
B. Burnt-out accidents caused by lightning strikes or improper installation;
C. Label damage or unauthorized disassembly for maintenance;

3:Please pack and ship properly the product for repair , we will not be responsible for any damage or loss during transportation.

4:We reserves the right of final interpretation ,subject to change without prior notice.