USR-Be Honest, Do Best !

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Specialized in IOT

Jinan USR IOT Technology Limited

About USR

Jinan USR IOT Technology Limited has been focusing on IOT and M2M field for more than 6 years. We offer networking products such as serial device server,Ethernet to serial, GPRS DTU and embedded WIFI module.We have professional R&D teams for hardware and software, phone APP and server. And we can provide OEM & ODM service for clients.

Our company has rich experience in system solutions such as smart home system, intelligence fire, agricultural network,temperature and humidity acquisition, industrial control, attendance, entrance guard system,remote control and RFID wireless signal forwarding.

We aspire to be an leader in IOT and M2M field. We will be honest and do best.We will spare no efforts to satisfy clients' demand and create value for them.We believe God rewards the diligent, and we are willing to grow together with our clients and make them successful.

Company culture: Be honest, Do best!
Company Values: God help those who help themselves.
USR vision: First brand of network communication.
USR mission: Make network communication easier.
Product concept: Simple, reliable, reasonable price.



Receptionist


Sales Dept.


R&D Dept.


Product Dept.


Logistics Dept.


Our Team


Shenzhen Office


OEM Factory

USR Honor

- We have patents,copyrights,certificates and online marketing
- We provide simple,reliable products with reasonable price


USR-WA3 Patent


TCP232-T24 CE


TCP232-T24 FCC


TCP232-E45 ROHS


TCP232-E45 CE


TCP232-E45 FCC


WIFI232 ROHS


WIFI232 CE


WIFI232 FCC


D2D Copyright


VCOM Copyright


USR-IOT Copyright



USR Trademark Registration

腾讯企业QQ
Enterprise QQ

Made-in-China.com
Made In China

诚信通
Alibaba TrustPass

阿里巴巴 Alibaba.com.cn
Alibaba

global sources 环球资源
GlobalSources

USR-TCP232-T24 Products



USR-TCP232-T24 Series

T24 Series Character

- Serial & Ethernet bi-directional transmission
- Simple reliable
- Small size
- Low cost
- Support D2D forwarding and Smart Virtual COM

T24 Series Products

USR-TCP232-T



Character:
Embedded PCB
Pin type low cost
3.3V TTL
Size: 55x23x23(mm)
Power: 5V / 3.3V

USR-ES1



Character:
SPI interface
Pin type
3.3V TTL
Size: 28.5x23x24(mm)
Power: 3.3V

USR-W5500



The same as USR-ES1
Size: 9x9(mm)

USR-TCP232-D



Character:
DIP version
Pin type low cost
3.3V TTL
Size: 44×32x15.4(mm)
Power: 5V / 3.3V

USR-TCP232-2



Character:
Small size
1*RS232
Size: 67x42x17(mm)
Power: 5V

USR-TCP232-200



The same as TCP232-2
Size: 66x71x25(mm)

USR-TCP232-S



Character:
SMT type
tiny size
3.3V TTL
Size: 33×20x1(mm)
Power: 3.3V

USR-TCP232-24



Character:
1*RS232/RS485
Size: 90x50x17(mm)
Power: 5V

USR-TCP232-300



The same as TCP232-24
Size: 90x84x25(mm)

USR-TCP232-E45 Products



USR-TCP232-E45 Series

E45 Series Character

- Serial & Ethernet bi-directional transmission
- Webpage Configuration
- Support DHCP&DDNS
- Multi-COM work simultaneously
- Support domain
- TCP/UDP/Httpd/WEB to Serial
- Support D2D forwarding and Smart Virtual COM

E45 Series Products

USR-TCP232-E



Character:
2*TTL Pin
Compatible with-T
3.3V TTL
Size: 55x30x23.2(mm)
Power: 5V / 3.3V

USR-TCP232-ED



Character:
3*TTL Pin
Compatoble with-D
3.3V TTL
Size: 44.5×31.8x15.4(mm)
Power: 5V / 3.3V

USR-C68-IQ



Character:
It is chip
Embedded E45 Program
Provide Design
Size: LQFP100 encapsulation

USR-TCP232-401



Character:
1*RS232
1*RS485
Size：90×84x25(mm)
Power: 5~18V

USR-TCP232-504



Character:
3*RS485
Size: 95×85x25(mm)
Power: 5~18V

USR-TCP232-500



Character:
2*RS232
1*RS485/RS422
Size: 155x100x34(mm)
Power: 5~48V

USR-TCP232-52E



Character:
2*RJ45
2*RS232 + 1*RS485
Size: 115×105x28(mm)
Power: 5~28V

USR-TCP232-52PE



Character: The same as 52E
Support POE power

USR-WIFI High-Performance Products



USR-WIFI High Performance Series

WIFI Series Character

- Serial &WIFI bi-directional transmission
- Webpage configuration
- Support DHCP&DDNS
- Router function
- Support IEEE 802.11 b/g/n
- Support WDS
- AP+STA work mode
- TCPB/TCP
- IO protective

WIFI Series Products

USR-WIFI232-D2



Character:
Pin type
Internal/external antenna
3.3V TTL
Size: 32x45x8(mm)
Power: 3.3V

USR-WIFI232-A



Character:
Pin type
Internal antenna
3.3V TTL
Size: 25x40x8(mm)
Power: 3.3V

USR-WIFI232-B



Character:
Pin type
External antenna
3.3V TTL
Size: 25x40x8(mm)
Power: 3.3V

USR-WIFI232-Ca/b



Character:
SMT type
Internal/external antenna
3.3V TTL
Size: 25x40x3(mm)
Power: 3.3V

USR-WIFI232-2EV2



Character:
Kit for-A/-B
RS232/RS485/RJ45
Size: 96x60x16(mm)
Power: 5~18V

USR-WIFI232-2



Character:
Kit for-A/-B
1*RS232
Size: 94x50x13(mm)
Power: 5~9V

USR-WIFI232-610



Character:
RJ45 & WIFI
1*RS232/RS485
1*RJ45
Size: 101x84x24(mm)
Power: 5~18V

USR-WIFI232-602



Character:
RS232
Embedded WIFI232-2
Size: 101x84x24(mm)
Power: 5~9V

USR-WIFI232-604



Character:
1*RS485
Size: 101x84x24(mm)
Power: 5~9V

USR-WIFI Low Power Products



USR-WIFI Low Power Series

WIFI Series Character

- Serial & WIFI bi-directional transmission
- Ultra-low power,standby current only 12mA
- Low cost
- Support DHCP& DDNS
- Wi-Fi @ 2.4 GHz,WEP/WPA/WPA2 safe mode
- AP+STA work mode

WIFI Series Products

USR-WIFI232-T



Character:
Support Smart link
Support WPS
Pin type/ tiny size
3.3V TTL
Size: 22x13.5x9(mm)
Power: 3.3V

USR-WIFI232-Sa/b



Character:
Support Smart link
Support WPS
SMT/ low cost
3.3V TTL
Size: 22x13.5x3(mm)
Power: 3.3V

USR-WIFI232-G2



Character:
Support Smart link
Support WPS
SMT type
3.3V TTL
Size: 23.1x32.8x2.7(mm)
Power: 3.3V

USR-WIFI232-Ha/b



Character:
Support audio config.
Support WPS
SMT/Low cost
3.3V TTL
Size: 23.1x32.8x2.7(mm)
Power: 3.3V

USR-WIFI232-200



Character:
Support Smart link
Support WPS
1*RS232
Size: 76x71x25(mm)
Power: 5V

USR-WIFI232-G2EVK



Character:
Kit for WIFI-G2
1*RS232
Size: 15x76x15(mm)
Power: 5V

USR-WIFI232-TEVKV2



Character:
Kit for WIFI-T
1*RS232
Size: 67x42x13(mm)
Power: 5V

USR-GPRS232 Products



USR-GPRS232 Series

GPRS Series Character

- Serial & GPRS bi-directional transmission
- Max 4 TCP connection
- Industrial quality
- 232/485/TTL to choose
- Support D2D forwarding
- COM command mode
- Software support
- Four Frequency

GPRS Series Products

USR-GM1



Character:
UART to GPRS
Voice communication
SMT
Size: 24x25(mm)
Power: 3.6~4.2V

USR-GPRS-7S2



Character: UART to GPRS
Compatible with TCP232-D
Pin type
3.3V TTL
Size: 44.5x32x13(mm)
Power: 5~18V

USR-GPRS-701-2



Character: RS232 to GPRS
Support AT Command
SMS Configuration
1*RS232
Size: 92x83x25(mm)
Power: 5~28V

USR-GPRS-701-4



Character: RS485 to GPRS
Support AT Command
SMS Configuration
1*RS485
Size: 97x80x22(mm)
Power: 5~28V

USR-GPRS232-710



Character:
Serial to GPRS
1*RS232/RS485 adaptive
Size: 119x72x34.5(mm)
Power: 5~28V

USR-GPRS-MODEM

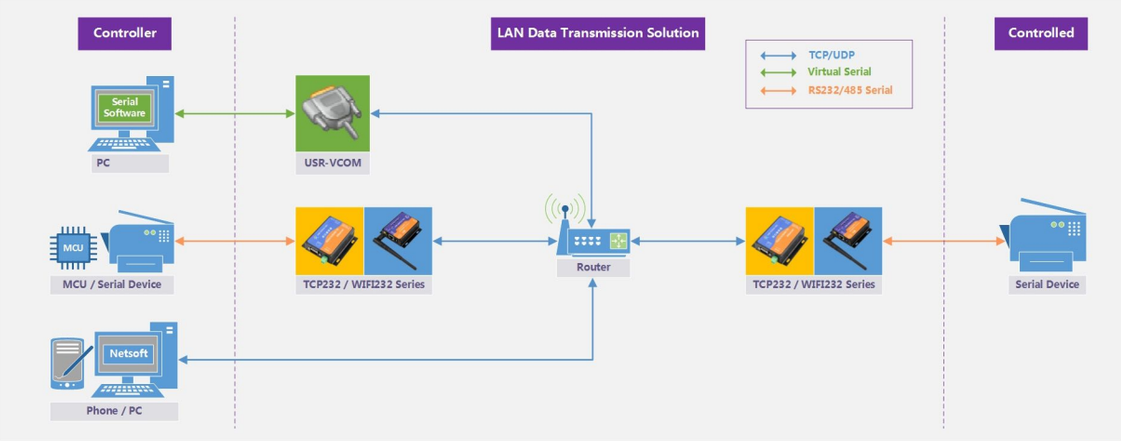


Character: Send SMS
Support AT Command(GSM 07.07)
Support GPRS Connection
Size: 94x84.5x25(mm)
Power: 5~18V

LAN Data Transmission Solution

Introduction

LAN control can be realized in the following three ways when serial devices are connected to TCP232 or WIFI232 series:
1. When PC serial software controls serial devices,users can install USR-VOCM on PC and serial software can control the virtual serials;
2. Bi-directional data communication can be realized if serials of two serial devices are both connected to TCP232 or WIFI232 series;
3. When Smartphone or PC sends data to TCP232 or WIFI232 series, serial device can receive the same data;



USR-VCOM

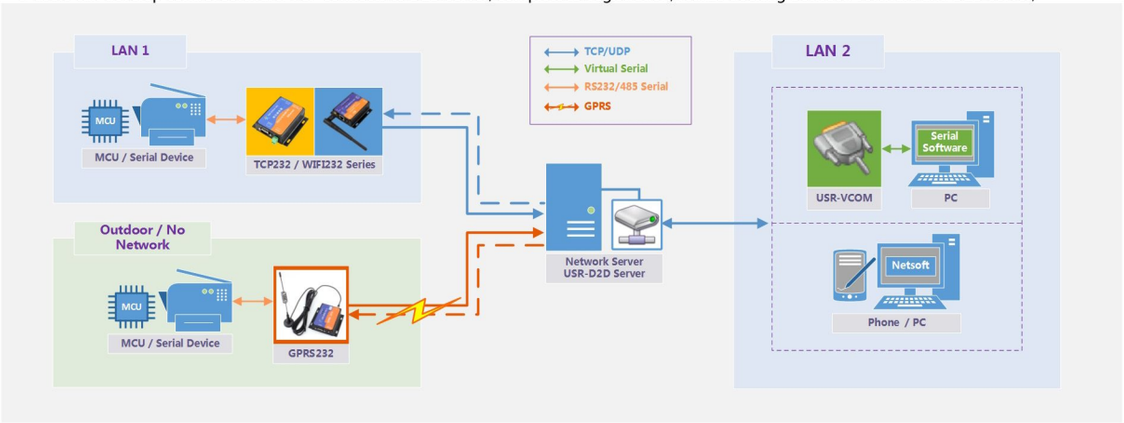


Model: USR-VCOM
Function: Connect TCP/IP,broadcast UDP,map into local virtual serial,realize remote control and data transmission;
Character: Automatically create matched virtual serials; support D2D dada forwarding; integrated TCP232 / WIFI232 configuration; for free;
System：Windows 98 or above(support 64 bits)

Remote Data Transmission Solution

Introduction

The solution can realize remote data acquisition and control by USR-D2D which can be applied to the following environments:
1. After serial devices connect to TCP232 or WIFI232 series and device registration ID is set, serial device can transmit data with remote computer in network
2. After serial devices connect to GPRS232 series and device registration ID is set, serial device can use GPRS network to transmit data with remote computer in a non-network situation;
3. If control software is serial software: install USR-VCOM and set virtual serial ID; realize data transmission between software and virtual seria;
   If users can develop control software: TCP connects to D2D server; complete ID registration; realize docking between software and D2D server;

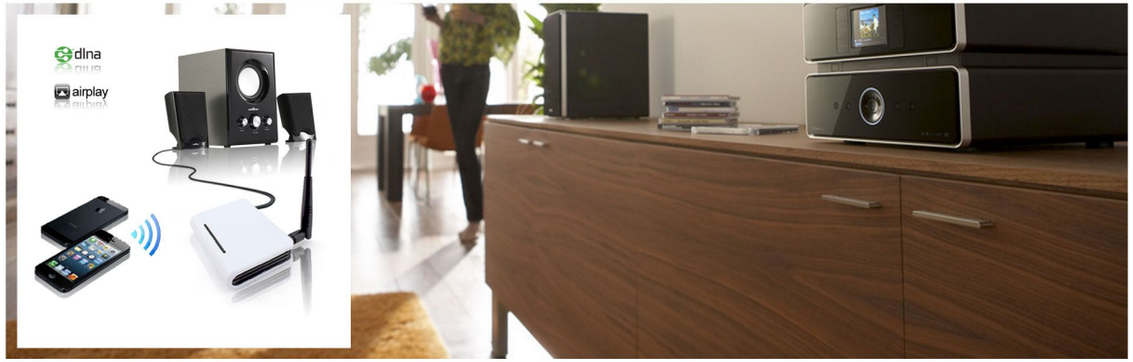


USR-D2D Server



Model: USR-D2D
Function: A high-performance TCP server; realize data forwarding among different TCP clients;
Character: Simple operation; service running; high-performance framework;
Work Mode: D2D-Direct mode, forward all the data to target ID due to configured ID forwarding service logic;
D2D-Command mode, forward data to any assigned ID by identifying D2D format;

USR Audio Series



Audio Series Functions:

- Audio from phone,PC and PAD plays via WIFI
- Support router function, can access to the Internet
- Support DLNA and Airplay protocol

Audio Products

USR-S12	USR-WA3	USR-WA5
		
Support SerialAPP Size: 33x48x3(mm) Power: 5V	Based on S12 module Support RJ45/WIFI Support USB power Size: 110x80x25(mm)	Based on S12 module HiFi ceramic audio 6.5" PP cone +1" Diameter: 26(cm)

WIFI LED Dimming Solution



Introduction



USR-WL1

Function: Smartphone controls LED by WIFI
Platform: IOS,Android
Power: 2.5W
Input Voltage: 12V ~ 24V
Output Voltage: same as input voltage
LED Output: 4 circuits (RGBW)

Application



Cooperation

- Lamp Manufacturer: embedded with WL1 core module, lamp can change colors by Smartphone control.
- DIY users: furnish WL1 to ceiling,car fish tank and fense and use smartphone to dimming.

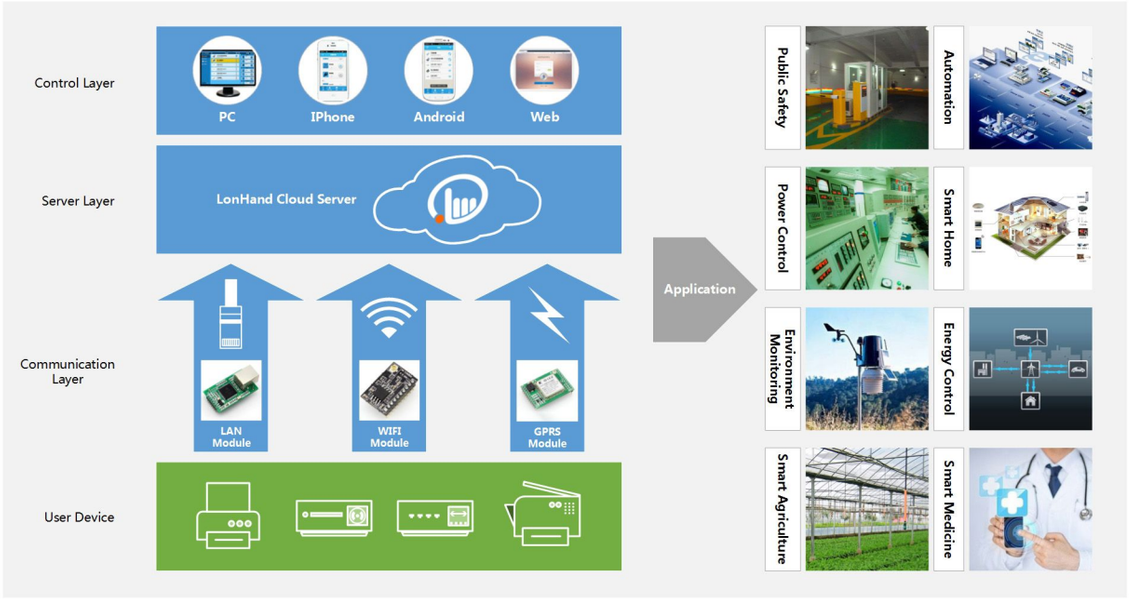
LonHand System

www.LonHand.com

LonHand is a mature open remote control syste. As long as users embed LonHand modules into devices, they can quickly build a mature stable system for remote data acquisition, remote control and data management.

System Includes：

Communication Layer (ethernet,WIFI, GPRS module) Server Layer (device, data management) Control Layer (all platforms)



USR OEM ODM Service

USR can provide clients a whole solution from hardware,PC and mobile APP, server program to web control program.



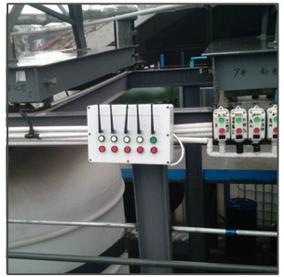
Tower crane remote data collection



Smart air cleaner



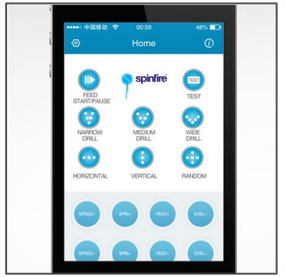
Remote control and data collection



Remote control and data collection of production weighing



Wireless data collection of production status



Smart Tennis ball sender



Smart building host customization



Active treasure defense