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› [LoRa RS232 RS485 433MHz TCXO 1W E90-DTU-433L30 Wireless Transceiver Long Range 8km PLC Transceiver Receiver Radio Modem 433 MHz LoRa User Manual](#)

EBYTE RS232

E90-DTU-433L30 Wireless Transceiver

USER MANUAL

1. Product Overview

The E90-DTU-433L30 is a high-performance wireless data transceiver designed for reliable long-range communication. Operating within the 410-441MHz frequency range with a power output of 30dBm, it can achieve communication distances up to 8.0km. This device integrates digital data processing, modulation, demodulation, and error correction (FEC) to provide a transparent RS232/RS485 interface, distinguishing it from traditional analog FM transceivers.

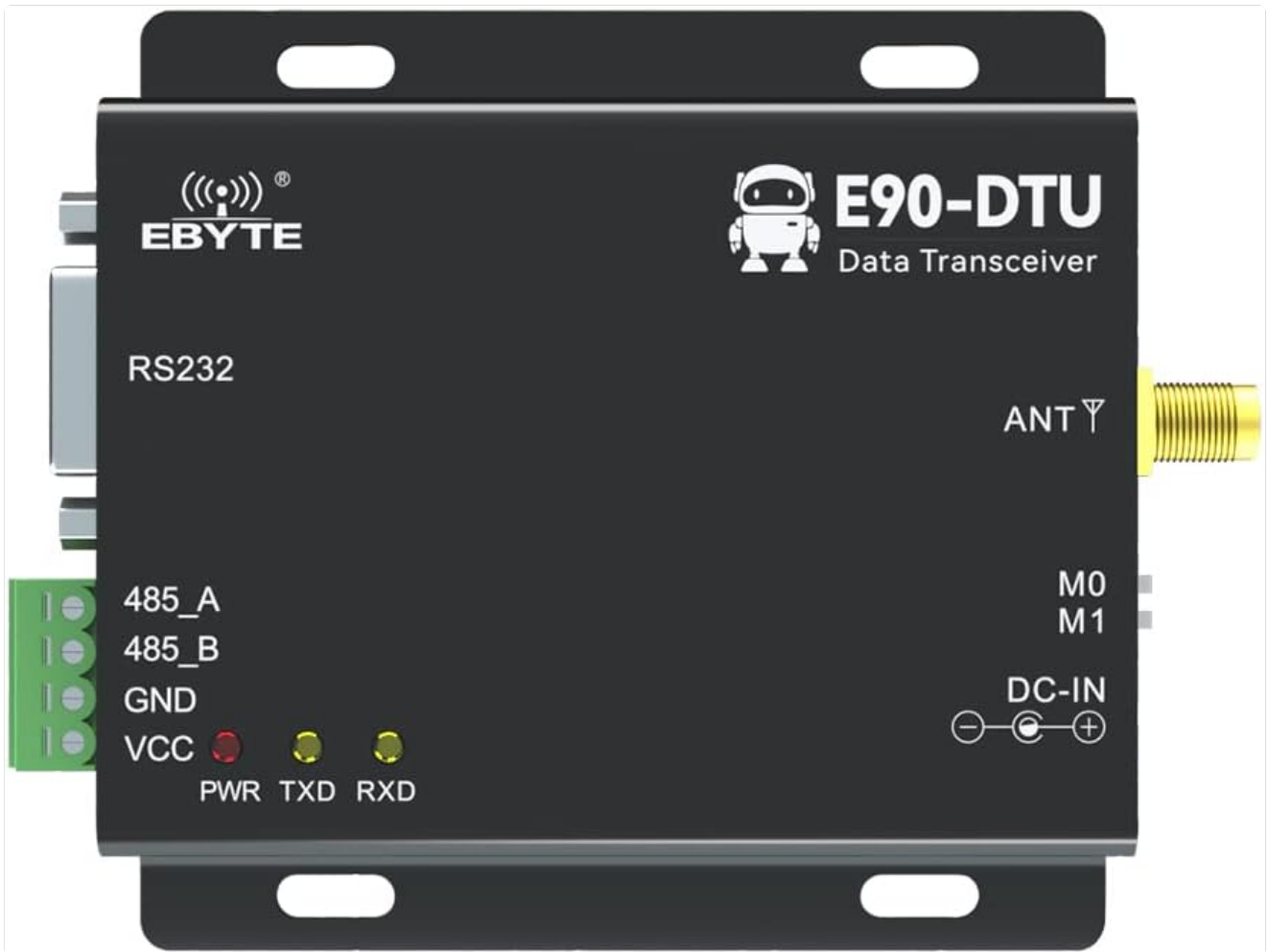


Figure 1: Front view of the E90-DTU-433L30 Wireless Transceiver, showing RS232, RS485, GND, VCC ports, PWR, TXD, RXD indicators, M0, M1 pins, DC-IN, and antenna connector.

2. Key Features

- **Advanced LoRa Modulation:** Utilizes military-grade LoRa modulation technology for enhanced communication distance and stability.
- **High Power Output:** Transmission power up to 1W, with multi-level adjustable settings, meeting European industrial standards.
- **Wide Interface Support:** Provides transparent RS232 and RS485 interfaces for versatile connectivity.
- **Robust Design:** All-aluminum alloy shell for compact size, easy installation, good heat dissipation, and excellent electromagnetic compatibility.
- **Enhanced Reliability:** Features power reverse connection protection, over-connection protection, and antenna surge protection.
- **Flexible Power Supply:** Supports 10-28V power supply, compatible with various power devices or line pressure modes.
- **Precise Frequency Stability:** Incorporates temperature compensators for frequency stability better than $\pm 1.5\text{PPM}$.
- **Configurable Parameters:** All parameters such as power, frequency, air speed, and address ID can be set via programming software.
- **Low Power Consumption:** Standby current is only 21mA (even lower in power-saving and sleep modes).

- **Built-in Watchdog:** Ensures automatic module restart in case of exceptions, maintaining continuous operation with previous settings.

3. Hardware Overview

The E90-DTU-433L30 features clearly labeled interfaces and indicators for easy setup and monitoring.

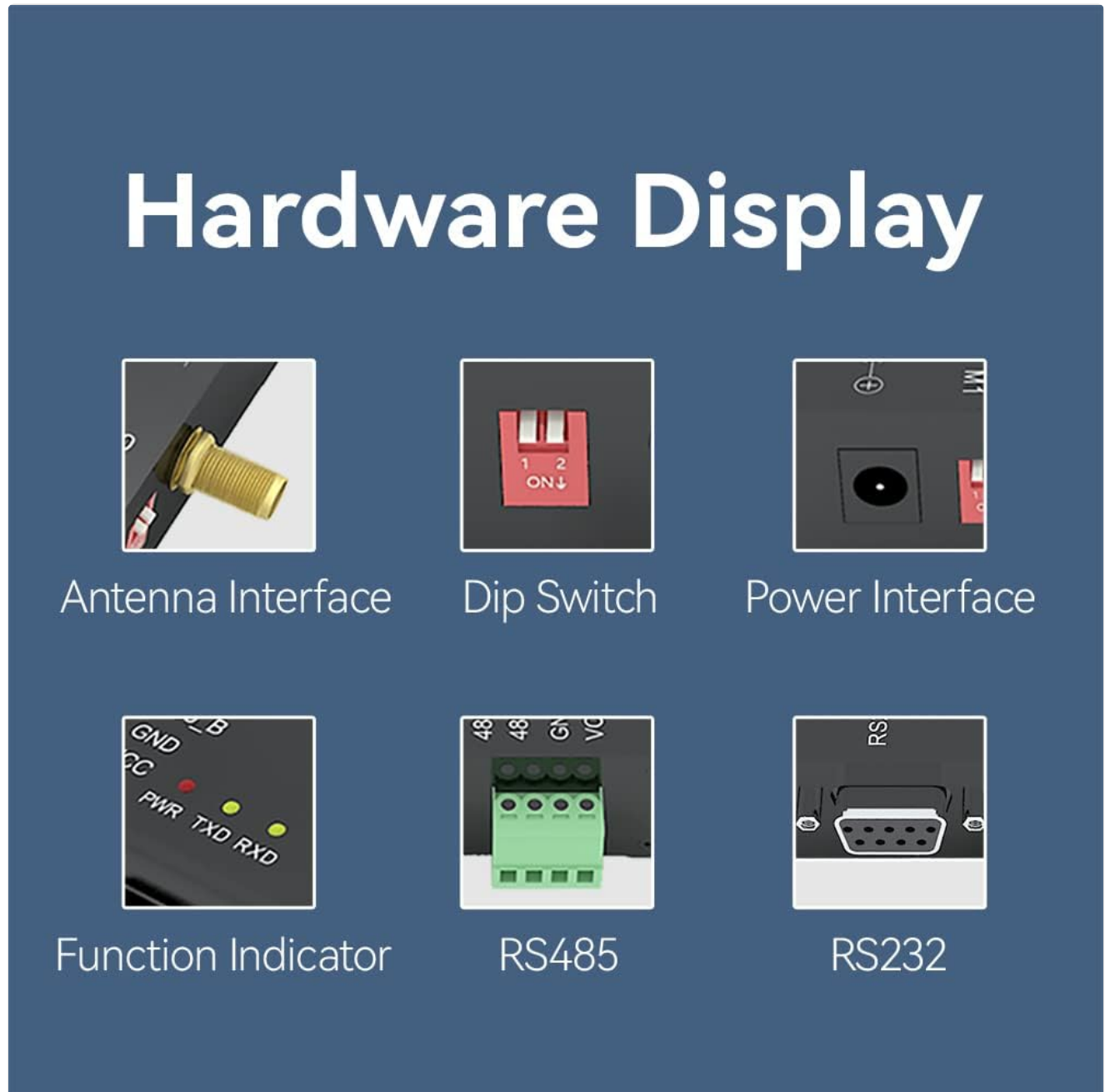


Figure 2: Detailed view of the transceiver's hardware components, including Antenna Interface, Dip Switch, Power Interface, Function Indicators (PWR, TXD, RXD), RS485 terminals, and RS232 port.

Antenna Interface: SMA-K connector for external antenna connection.

Dip Switch (M0, M1): Used to set the module's operating mode (e.g., normal, wake-up, power-saving, configuration).

Power Interface (DC-IN): Input for 10-28V DC power supply.

Function Indicators:

- **PWR:** Power indicator.
- **TXD:** Transmit data indicator.
- **RXD:** Receive data indicator.

RS485 Interface: Screw terminals for RS485_A, RS485_B, GND, and VCC connections.

RS232 Interface: DB9 serial port for RS232 communication.

4. Setup and Basic Function

The E90-DTU-433L30 facilitates transparent data transmission between devices using RS232 or RS485 interfaces.

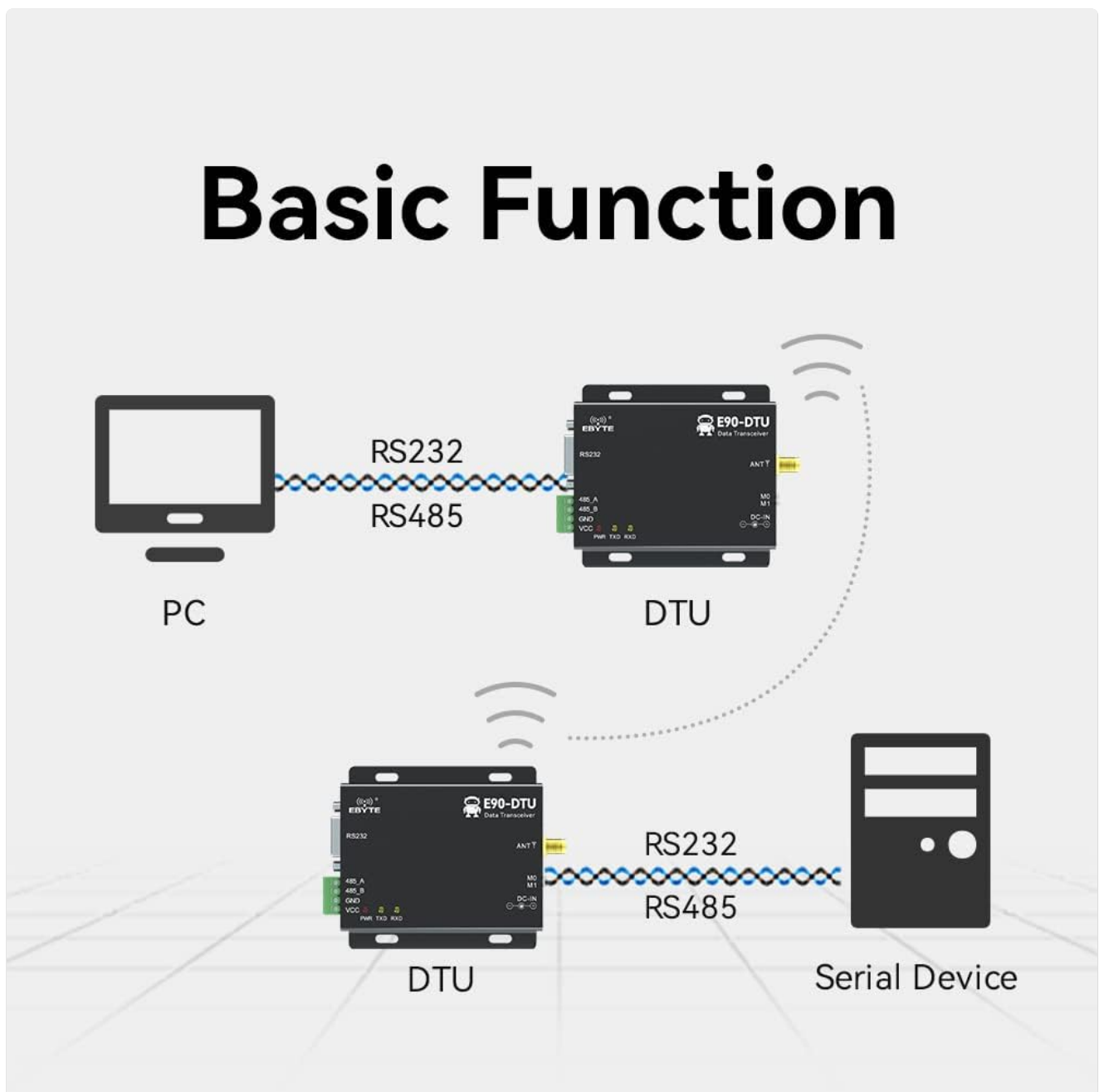


Figure 3: Diagram illustrating typical connections: a PC connected to one DTU via RS232/RS485, and another DTU connected to a serial device via RS232/RS485, communicating wirelessly.

4.1. Initial Setup

1. **Connect Antenna:** Securely attach the 433MHz antenna to the SMA-K connector.
2. **Power Connection:** Connect a 10-28V DC power supply to the DC-IN port. Ensure correct polarity.
3. **Data Interface Connection:**
 - For RS232: Connect your device (e.g., PC) to the DB9 RS232 port using a serial cable.
 - For RS485: Connect your device to the RS485_A and RS485_B terminals. Ensure proper A/B wiring.
4. **Mode Configuration:** Set the M0 and M1 dip switches according to your desired operating mode (e.g., transparent transmission, configuration mode). Refer to the detailed technical manual for specific mode settings.

4.2. Software Configuration

The E90-DTU-433L30 supports software configuration for various parameters, including frequency, air speed, and address ID.



available free

Function Configuration Software

Visit the official website for download

Figure 4: Example interface of the Function Configuration Software, available for download from the official website.

It is recommended to download and use the official configuration software to customize the module's settings to

match your application requirements. This software allows for precise control over the transceiver's operational parameters.

5. Operation

Once properly configured and connected, the E90-DTU-433L30 operates as a transparent data link. Data sent to its RS232 or RS485 port will be wirelessly transmitted to a paired E90-DTU module, and vice-versa.

- **Data Transmission:** When data is received on the serial input (RS232/RS485), the module automatically modulates and transmits it wirelessly. The TXD indicator will flash.
- **Data Reception:** Upon receiving wireless data, the module demodulates it and outputs it through the serial interface. The RXD indicator will flash.
- **Mode Management:** Ensure both transmitting and receiving modules are set to compatible operating modes (e.g., transparent transmission mode) for seamless communication.

6. Technical Specifications

Specification	Value
ASIN	B07R51G2CD
Item model number	RS232
Brand	EBYTE
Total Ethernet Ports	2
Number of Ports	2
Maximum Upstream Data Transfer Rate	433 MHz
Modem Type	Digital
Manufacturer	EBYTE
Date First Available	September 27, 2021



Figure 5: Physical dimensions of the E90-DTU-433L30 module, approximately 82mm in length and 62mm in width.

7. Typical Applications

The E90-DTU-433L30 is suitable for a wide range of applications requiring reliable wireless data transmission.

Applications



Smart home



Agricultural application



Intelligent warehouse



Industrial applications



Device management



Wireless data

Figure 6: Examples of application environments: Smart home, Agricultural application, Intelligent warehouse, Industrial applications, Device management, and general Wireless data transmission.

- Smart Home Systems
- Agricultural Monitoring and Control
- Intelligent Warehouse Management
- Industrial Automation and Control
- Remote Device Management
- General Wireless Data Transmission

8. Maintenance

To ensure the longevity and optimal performance of your E90-DTU-433L30 transceiver, follow these maintenance guidelines:

- **Keep Clean:** Regularly clean the exterior of the module with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Environmental Conditions:** Operate the module within its specified temperature and humidity ranges. Avoid exposure to extreme temperatures, direct sunlight, or high moisture.
- **Secure Connections:** Periodically check all cable connections (power, serial, antenna) to ensure they are secure and free from damage.
- **Firmware Updates:** Check the manufacturer's website for any available firmware updates that may improve performance or address issues.
- **Proper Handling:** Handle the module with care to prevent physical damage. Avoid dropping or subjecting it to strong vibrations.

9. Troubleshooting

If you encounter issues with your E90-DTU-433L30, consider the following troubleshooting steps:

- **No Power:**
 - Verify the power supply voltage is within the 10-28V DC range.
 - Check power cable connections and ensure they are secure and correctly polarized.
 - Confirm the power outlet or source is functional.
- **No Communication:**
 - Ensure both transmitting and receiving modules are powered on and their PWR indicators are lit.
 - Check serial cable connections (RS232/RS485) for proper wiring and secure fit.
 - Verify that the M0 and M1 dip switch settings on both modules are identical and configured for the desired operating mode (e.g., transparent transmission).
 - Confirm that the frequency, air speed, and address ID settings are consistent across all communicating modules using the configuration software.
 - Check antenna connections and ensure antennas are properly installed and not obstructed.
 - Reduce the distance between modules or remove obstacles if communication range is an issue.
- **Intermittent Communication:**
 - Check for sources of electromagnetic interference (EMI) near the modules.
 - Ensure the power supply is stable and free from fluctuations.
 - Verify antenna integrity and placement.
- **Module Not Responding to Software:**
 - Ensure the module is in configuration mode (check M0/M1 settings).
 - Verify the correct COM port is selected in the software.
 - Check the serial cable and drivers on your computer.

10. Support and Resources

For detailed technical documentation, software downloads, and further support, please refer to the official EBYTE resources:

- **Technical Manual Support:** <http://www.ebyte.com/en/product-view-news.aspx?id=418>
- **Manufacturer:** EBYTE
- **Official Website:** Visit the EBYTE official website for the latest product information, drivers, and software.

11. Warranty Information

Specific warranty terms and conditions for the E90-DTU-433L30 Wireless Transceiver are typically provided at the point of purchase or can be found on the official EBYTE website. Please retain your proof of purchase for any warranty claims. For detailed warranty policy, please consult the manufacturer's official documentation or contact EBYTE customer support directly.

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Related Documents - RS232

	E90-DTU(400SL47) User Manual - EBYTE LoRa Wireless Data Transceiver User manual for the E90-DTU(400SL47) by EBYTE, a high-quality industrial-grade LoRa spread spectrum wireless digital transmission radio. Features long-distance communication, RS232/RS485 interfaces, and robust anti-interference capabilities for IoT and industrial applications.
	E90-DTU (900SL30) Wireless Data Transceiver User Manual Comprehensive user manual for the E90-DTU (900SL30) wireless data transceiver from Chengdu Ebyte Electronic Technology Co., Ltd. This manual details the product's LoRa technology, technical specifications, features, operating modes, configuration, and typical applications in industrial and IoT environments.

	E32-DTU (433L30) Wireless Modem User Manual EBYTE User manual for the EBYTE E32-DTU (433L30) wireless modem. Features LoRa technology, RS232/RS485 interfaces, and detailed specifications for operation, installation, and application.
	E90-DTU(2G4HD12) Wireless Modem User Manual - Ebyte Comprehensive user manual for the Ebyte E90-DTU(2G4HD12) wireless modem and data transceiver. Covers introduction, features, setup, configuration, parameters, AT commands, applications, and safety guidelines.
	E90-DTU (900SL22) - EBYTE E90-DTU (900SL22) EBYTE LoRa
	EBYTE E32-DTU (868L30) Wireless Data Transceiver User Manual User manual for the EBYTE E32-DTU (868L30) wireless data transceiver. Covers features, specifications, operation, installation, and applications of this industrial-grade LoRa modem.

Documents - EBYTE – RS232



[\[pdf\]](#) User Manual Instructions Guide

NB144 Four Serial Ports Server User manual This is only used as a guide Chengdu Baud rate 2 400 4 800 9 600 1 4400 Instructions storage instructions increase instruction UserManual EN V1 0 cdebyte down.aspx?id=2156 |||

NB144 Four Serial Ports Serial Server User manual Copyright 2012Chengdu Ebyte Electronic Technology ... erse polarity protection; Support terminal interface RS485 /RS422 and standard DB9 interface **RS232** ; The baud rate supports 2400 - 115200 bps, and supports multiple verification methods; Sup...

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E95/E96-DTU 433Lxxx Chengdu Ebyte Electronic Technology Co.,Ltd E95/E96-DTU 433Lxxx User Manual 4

1.4.2 RS232 Interface.....

lang:de score:43 filesize: 2.1 M page_count: 20 document date: 2021-05-06

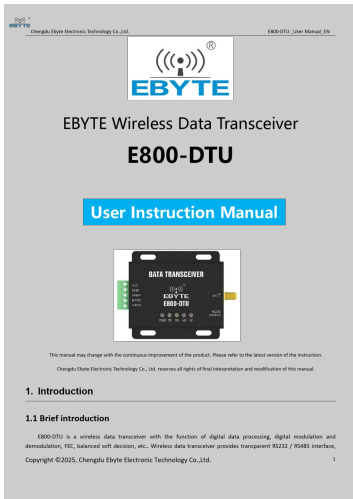


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WPS 1660095729 E800 DTU Ebyte Wireless data transceiver provides transparent RS232 RS485 interface Page 2 Chengdu Electronic Technology Co Ltd User Manual EN Datasheet V1 0 cdebyte down.aspx id 51 ||| ||| Chengdu Ebyte Electronic Technology Co.,Ltd. E800-DTU _User Manual_EN EBYTE Wireless Data Transceiver E800-DTU User Instruction Manual This manual may change with the continuous improvement of the product. Please refer to the latest version

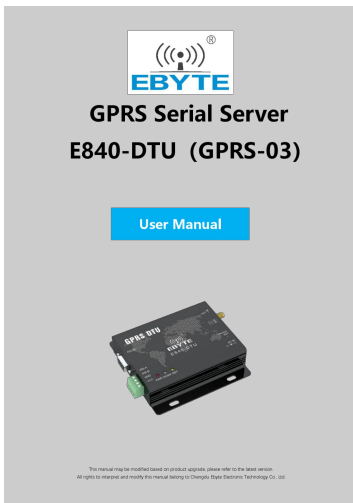
Chengdu Ebyte Electronic Technology Co.,Ltd. E800-DTU _User Manual_EN EBYTE Wireless Data Transcei ... and demodulation, FEC, balanced soft decision, etc.. Wireless data transceiver provides transparent RS232 / RS485 interface, Copyright 2025, Chengdu Ebyte Electronic Technology Co.,Ltd. 1 Chengdu ...

lang:en score:38 filesize: 1000.11 K page_count: 15 document date: 2025-05-15



[pdf] User Manual Guide

Administrator Chengdu Ebyte Electronic Technology Co Ltd E90 DTU 16 mag 2023 — This manual is only used as a guide makes every effort to provide accurate information in this However 400SL42 UserManual EN V1 0 es ebyte down.aspx?id=2218 ||| Chengdu Ebyte Electronic Technology Co., Ltd. E90-DTU 400SL42 User Manual Copyright 201220 23 ,6
4.2 **RS232** interface definition
lang:de score:34 filesize: 1.47 M page_count: 22 document date: 2023-07-03



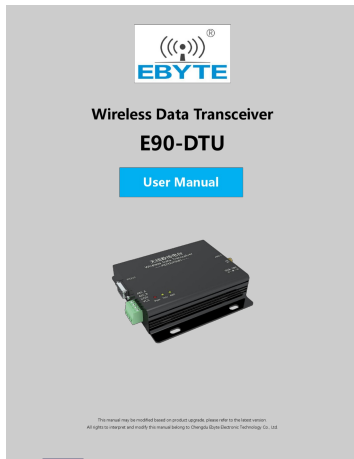
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Provided by ManualsAndMore Download User Manual Ebyte E840 DTU ebyte e840dtu user manual 1 manualsandmore ||| GPRS Serial Server E840-DTUGPRS-03 User Manual This manual may be modified based on product upgrade,0V to 28.0V and supports 5.0V power supply. It only supports mobile and Unicom 2G cards. RS485 and **RS232** circuits use electrical isolation schemes, which have anti-interference ability and can be use...
lang:en score:33 filesize: 1.27 M page_count: 16 document date: 2019-07-24



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E95 DTU 400SL22 485 E95DTU Users Manual Chengdu Ebyte Electronic 2alph e95dtu ex 1 7 electric garden chengdu ebyte electronic manuals ||| E95-DTU 400SL22-485 Chengdu Ebyte Electronic Technology Co.,Ltd E95-DTU 400SL22-485 User Manual ... -DTU 400F20-232 E95-DTU 400SL22-232 E95-DTU 400SL30-232 Interfac e Type RS485 RS485 RS485 RS485 **RS232 RS232 RS232** **RS232 RS232** Frequency Hz 410.125/493.125M 410/510M 410/441M 410/441M 410/441M 410...
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[\[pdf\]](#) User Manual Installation Guide

Provided by ManualsAndMore Download User Manual Ebyte E90 DTU E90DTU manualsandmore ||| Wireless Data Transceiver E90-DTU User Manual This manual may be modified based on product upgrade, ... 1.1. Brief introduction E90-DTU series are wireless data transceivers of 868M/915MHz with standard **RS232**/RS485 connectors. They are half-duplex TX RX modems with GFSK modulation, which largely lowe... lang:en **score:30** filesize: 905.08 K page_count: 11 document date: 2019-07-24



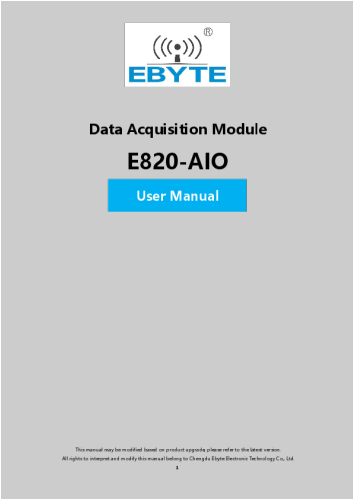
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E96 DTU 433L20 485 Feb 5 2021 · Page 2 Chengdu Ebyte Electronic Technology Co Ltd User Manual Copyright ©2012 Ebyte UserManual EN V1 1 fr ebyte down.aspx id 48 ||| E96-DTU 433L20-485 Chengdu Ebyte Electronic Technology Co.,Ltd E96-DTU 433L20-485 User Manual C ... ion methods. It works at 410/441M frequency band default 433MHz . The DTU provides a transparent **RS232**/RS485 interface, plastic shell. rail type installation structure, support85265VAC voltage inpu... lang:en **score:28** filesize: 963.47 K page_count: 19 document date: 2021-06-21



[E820-AIO Data Acquisition Module User Manual | Ebyte](#)

Comprehensive user manual for the Ebyte E820-AIO Data Acquisition Module. Learn about its features, electrical parameters, pin definitions, connection methods, ModBus registers, and instruction formats.

lang:en score:27 filesize: 620.63 K page_count: 11 document date: 2018-04-28



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ECB10 135A5M5M I User Guide CN V1 1 ECB10 STM32MP135

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ECB10-135A5M5M-I V1.1 RX,TX,RTS
CTS 4.2.3.1. UART5 usb-ttl PC ttySTM2 minicom ttySTM2 4.2.3.2. USART3
RS485,RS422 **RS232** ttySTM1 19 V1.1 4.2.3.2.1. **RS232** J7 12 **RS232** USB minicom
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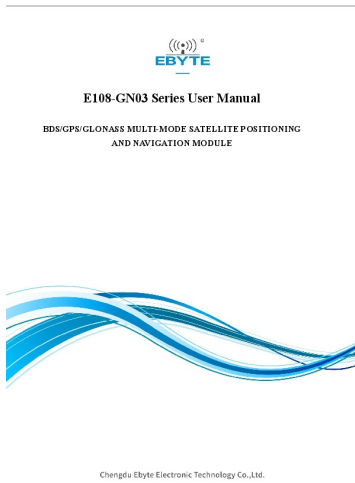


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Star Network Modem E70-DTU 433NW30-ETH User Manual This manual may be modified based on product up ... transmission 1Connect E70-DTU 433NW30-ETH network cables to PC, connect E70-DTU 433NW30 RS485 or **RS232** to PC, open the network configuration software and search for the device. The searched device ...

lang:en score:26 filesize: 1.57 M page_count: 34 document date: 2018-07-09

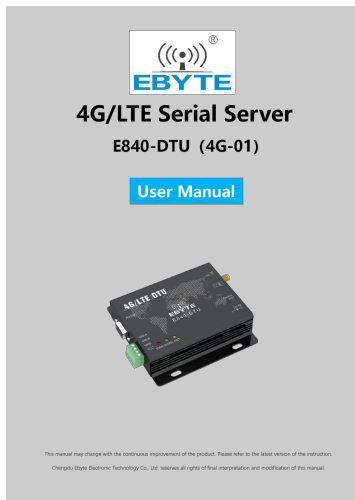


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E108-GN03 Series User Manual BDS/GPS/GLONASS MULTI-MODE SATELLITE POSITIONING AND NAVIGATION MODULE ... tioning time. It also supports multiple ways to connect with other peripherals, supports UART, GPIO,**RS232**,RS485 interface, if you need I2C, SPI,USB interface, please contact customer service for custo...

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Avalon Wu 4G LTE Serial Server Chengdu Ebyte Electronic Technology Co Ltd reserves all rights of final interpretation and modification this manual Page 2 E840 DTU 01 Usermanual EN v1 00 ebyte en down aspx id 892

4G/LTE Serial Server E840-DTU4G-01 User Manual This manual may change with the continuous improvemen ... V. Support mobile, China Unicom, Telecom 4G card. Electrical isolation scheme is used for RS485 and **RS232** circuits, With anti-interference ability, it can be used in some environments with strong elec...

lang:en **score:26** filesize: 954.65 K page_count: 21 document date: 2018-08-07



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E95-DTU 433L20P-485 Chengdu Ebyte Electronic Technology Co.,Ltd E95-DTU 433L20P-485 User Manual ... 433L30P-232 E96-DTU 433L20-485 E96-DTU 433L20-232 Interface Type Frequency Hz RS485 410 441 **RS232** 410 441 RS485 410 441 **RS232** 410 441 RS485 410 441 **RS232** 410 441 RS485 410 441 RS23...

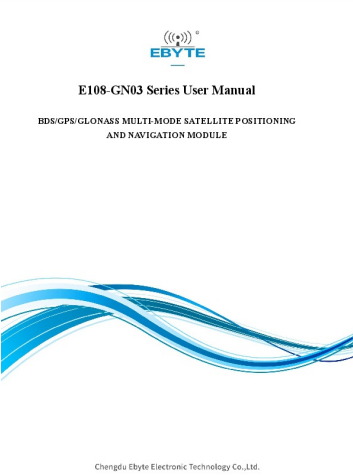
lang:en **score:26** filesize: 948.69 K page_count: 16 document date: 2021-06-16



[E95-DTU \(400SL22-485\) Wireless Modem User Manual](#)

Comprehensive user manual for the E95-DTU (400SL22-485) wireless data transmission DTU, detailing features, specifications, operating modes, configuration, and applications. Features LoRa technology, RS485 interface, and industrial-grade design.

lang:de score:26 filesize: 2.29 M page_count: 24 document date: 2020-11-18



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Administrator Chengdu Ebyte Electronic Technology Co Ltd E90 DTU xxxSL42 User ManualChengdu Manual Copyright©2012 2023 ChengduEbyteElectronicTechnologyCo I ProductsThe can be connected to the device via RS232 using a standard DB9 interface 4 3 RS485 Interface Definition The use RS485 E90 UserManual FR V1 2E90 2fr ebyte down aspx id 2590fr 2590 |||

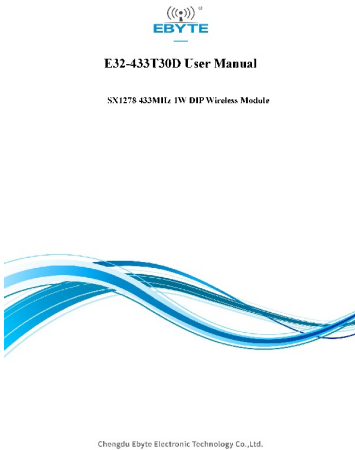
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4.2 RS232 Interface Definition7

lang:fr score:26 filesize: 1.46 M page_count: 28 document date: 2023-11-16



[E95-DTU \(433L30P-485\) Wireless Modem User Manual](#)

User manual for the Ebyte E95-DTU (433L30P-485) wireless data transmission DTU, detailing its features, specifications, operating modes, and usage instructions.
lang:en score:26 filesize: 948.69 K page_count: 16 document date: 2021-06-16



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Ссылка E32 433T30D купить в Москве LoRa модуль SX1278 433МГц 8км с доставкой по России и СНГ user manual voltiq ru datasheets ebyte |||

XE EBYTE E32-433T30D User Manual SX1278 433MHz 1W DIP Wireless Module
Chengdu Ebyte Electronic Tech ... interface format the maximum power value of the module hexadecimal . The TTL interface is 0x10, **RS232** is 0x40, and RS485 is 0x80
7.4 Reset command Instruction format C4 C4 C4 Description In slee...
lang:nl score:25 filesize: 4.95 M page_count: 22 document date: 2023-09-27



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WPS 1660095729 E95 E96 DTU 400SLxxx EbyteThe radio provides a transparent RS485 RS232 interface Adopt plastic shell guide rail type installation structure support 8 28V DC 85 265V AC voltage E95 UserManual EN V1 3cdebyte down.aspx?id=3178&gl=1*y6hdae*up*MQ*ga*MjAwNzIxNTczOS4xNzQ2Njg1MjY4*gaYQYYBFPDGW*czE3NDY2ODUyNjckbzEkZzAkdDE3NDY2ODUyNjckajAkBDaKaDE0NTI2MzE3Mjg87PTK0Y2S4*czE3NDY2ODUyNjckbzEkZzAkdDE3NDY2ODUyNjckajAkBDaKaDA |||
E95/E96-DTU 400SLxxx Chengdu Ebyte Electronic Technology Co.,Ltd. E95/E96-DTU 400SLxxx User Man ...
7 1.4.2 **RS232** Interface
lang:de score:25 filesize: 1.28 M page_count: 28 document date: 2025-05-14



[NB124 Dual Serial Port Server User Manual](#)

This user manual provides comprehensive instructions for the NB124 Dual Serial Port Server, a 2-way serial port server that integrates TCP/IP protocol for transparent data transmission between serial ports and Ethernet. It covers product introduction, quick start guide, technical parameters, basic and advanced functions, working modes, and firmware upgrades.

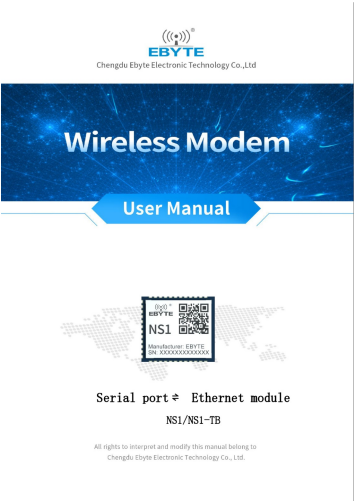
lang:en score:25 filesize: 3.51 M page_count: 37 document date: 2023-02-21



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MA02-AXCX4020 Mar 13 2023 — Technology Co Ltd 4DI 2DO A02 User Manual Copyright ©2012 Chengdu Ebyte Electronic Catalogue 1 Product profile 2DO MA02 UserManual EN v1 1 cdebyte down.aspx?id=2212 |||
4DI 2DO MA02-AXCX4020 Chengdu Ebyte Electronic Technology Co.,Ltd 4DI 2DO A02-AXCX4020 User Manual 3
2.2.2 Communication Wiring **RS232**
.....4 2.2.3 O...

lang:en score:25 filesize: 2.76 M page_count: 38 document date: 2023-03-14



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PC Serial port Ethernet module ru ebyte Chengdu Ebyte Electronic Technology Co Ltd NS1 TB User Manual Copyright©2012 2023 ChengduEbyteElectronicTechnologyCo 2 CONTENT 1
ProductIntroduction UserManual EN V1 9 down.aspx?id=2459 |||
Chengdu Ebyte Electronic Technology Co., Ltd NS1/NS1-TB User Manual Serial port Ethernet module N ... r mode supports multiple socket connections; Support multiple serial port protocols RS485, RS422, **RS232** ; Support multiple baud rates; Support DHCP function; Support DNS domain name resolution ...

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Wireless Modem User Manual



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FtpDown Wireless Modem User Manual EbyteThe E90 DTU can be connected to the device via RS232 using a standard DB9 interface 4 3 RS485 Interface Definition use RS485 E90 xxxSL42 UserManual ENcdebyte down aspx id 2903 |||

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4.2 **RS232** INTERFACE DEFINITION
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E108-GN Series User Manual

GPS/BEIDOU MULTI-MODE SATELLITE POSITIONING AND
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E108-GN Series User Manual GPS/BEIDOU MULTI-MODE SATELLITE POSITIONING AND NAVIGATION MODULE Copyri ... ; The serial port TXD and RXD are LVTTTL level, if connected with PC, it needs to be converted by **RS232** level. Users can use this serial port to receive positioning information data and software up...
lang:i-klnglon **score:24** filesize: 1.14 M page_count: 33 document date: 2022-11-09



User Manual EWD104-BT57(XXX) RS485/RS232 to BLE5.2 Bluetooth Wireless Converter

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Chengdu Ebyte Electronic Technology Co.,Ltd.

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User Manual EWD104 BT57 xxx Jan 17 2025 · E73 2G4M04S1A nRF52810 2 4G 4 I O 5 0 1 7 * 28 PCB IPX Hardware Resources Secondary Development 2G4M04S1B nRF52832 UserManual RU v1 ru ebyte down aspx id 5532 |||

Chengdu Ebyte Electronic Technology Co., Ltd. E28-2G4M12S Product Specifications User Manual EWD104-BT57 xxx RS485/**RS232** to BLE5.2 Bluetooth Wireless Converter Copyright 201220 20 , Chengdu Ebyte Electronic Technology Co., Ltd. Chengdu Ebyte Electronic Technology Co., Ltd. EWD104-BT57 XXX User...
lang:de **score:24** filesize: 1.58 M page_count: 34 document date: 2025-03-27

Wireless Modem

User Manual



Serial Port Ethernet
Serial Server
NB114

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Serial Port Ethernet Server NB114 Dec 26 2022 — User Manual Copyright ©2012 2023 Chengdu Ebyte port server the subnet mask is 255 0 and default gateway 192 168 3 1 UserManual EN V1 6 cdebyte down.aspx?id=2078 |||

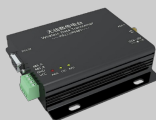
Chengdu Ebyte Electronic Technology Co., Ltd. NB114 User Manual Serial Port Ethernet Serial Server ... 3.81mm Phoenix terminal and DB9 data interface; Support multiple serial port protocols RS422/RS485/**RS232** ; Install with locating holes. Features RJ45 supports 10M Ethernet interface; Support multip...

lang:en score:24 filesize: 6.64 M page_count: 60 document date: 2023-02-03



Wireless Data Transceiver E90-DTU

User Manual



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Administrator User manual Chengdu Ebyte Electronic Technology Co Ltd E90 DTU Wireless transceiver module 2ALPH 2ALPHE90DTU e90 dtu

Wireless Data Transceiver E90-DTU User Manual This manual may be modified based on product upgrade, ... 1.1. Brief introduction E90-DTU series are wireless data transceivers of 868M/915MHz with standard **RS232**/RS485 connectors. They are half-duplex TX RX modems with GFSK modulation, which largely lowe...

lang:en score:23 filesize: 1.09 M page_count: 11 document date: 2018-07-10



Ebyte industrial grade Wireless Transmitter

E32-DTU (433L37)

User Manual



This manual is subject to change with the continuous improvement of the product. Please refer to the latest version of the manual.
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Administrator E32 DTU 433L37 User Manual 23 feb 2023 — 6 4 Interface definition 1 Power supply You can select the © DC power adapter which provides with an external UserManual EN v1 es ebyte down.aspx?id=2020 |||

Ebyte industrial grade Wireless Transmitter E32-DTU 433L37 User Manual This manual is subject to c6
4.2. **RS232** interface definition6

lang:fr score:23 filesize: 1.25 M page_count: 17 document date: 2023-03-02



[pdf] Guide

ECB10 135A5M5M I User Guide CN V1 2ECB10 STM32MP135
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ECB10-135A5M5M-I V1.1
RX,TX,RTS CTS 4.2.3.1. UART5 usb-ttl PC ttySTM2 minicom ttySTM2 4.2.3.2.
USART3 RS485,RS422 **RS232** ttySTM1 14 V1.1 4.2.3.2.1. **RS232** J7 12 **RS232** USB
minicom 4.2.3.2.2. RS422 J7 2...
lang:i-kl Klingon score:23 filesize: 1.17 M page_count: 34 document date: 2025-03-20



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Administrator E32 DTU 433L37 User Manual Feb 23 2023 — This manual is subject to change
with the continuous improvement of product Please refer latest RS485 Interface definition UserManual EN
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Ebyte industrial grade Wireless Transmitter E32-DTU 433L37 User Manual This
manual is subject to c6
4.2. **RS232** interface definition
lang:fr score:23 filesize: 1.25 M page_count: 17 document date: 2023-03-02



[pdf] User Manual

FtpDown WirelessModem UserManual 22 rs232 rs485 230m 0 16 5 E90 DTU xxxSL42 FR fr ebyte down
aspx id 2770 |||
Wireless Modem User Manual 1 Chengdu Ebyte Electronic Technology Co.,Ltd. E90-
DTU xxxSL42 User M 8
4.2 **RS232** INTERFACE DEFINITION
lang:i-kl Klingon score:23 filesize: 1.8 M page_count: 27 document date: 2024-01-11



[\[pdf\]](#) User Manual Dimension Guide Catalog

WPS 1660095729 E90 DTU 400SL47The can be connected to the device via RS232 using a standard DB9 interface Page 10 Chengdu Ebyte Electronic Technology Co Ltd · E90 E90 400SL47 UserManual FR v1 2fr ebyte down aspx id 3935 |||

Chengdu Ebyte Electronic Technology Co., Ltd E90-DTU 400SL47 User Manual E90-DTU 400SL47 Cheng8

4.2 **RS232** Interface Definition8

lang:de **score:23** filesize: 1.46 M page_count: 30 document date: 2025-05-15

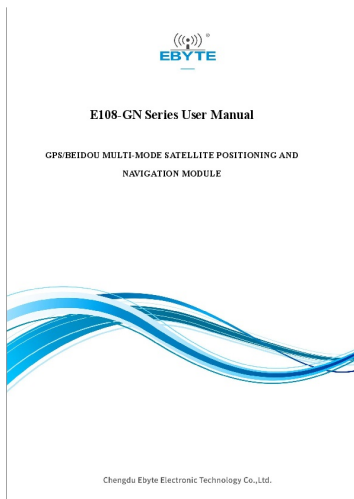


[\[pdf\]](#) Guide Application Guide

Software Application Guide ECB10 135A5M5M I Single Board Jul 12 2024 · Wi Fi hotspot for other external devices to connect The development board has an onboard AP6212 and Bluetooth two in one module User EN V1 2 cdebyte down aspx id 3678 |||

Software Application Guide ECB10-135A5M5M-I Single Board Computer Software Application Guide Versi ... Guide Version: V1. 1 4.2.3.2. U SART3 This serial port supports three protocols, RS485 , RS422 and **RS232** , which can be selected by jumper cap. It is registered as tty STM1 in the single board comput...

lang:en **score:23** filesize: 845.5 K page_count: 30 document date: 2025-03-20

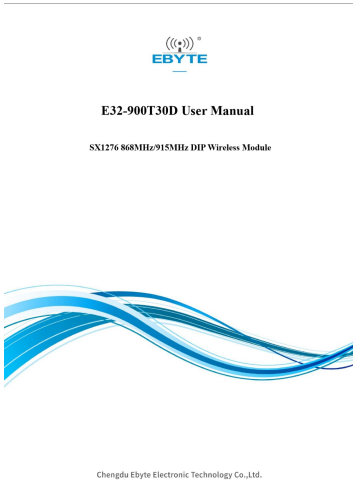


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E01 2G4M27D v1 0 Wu Avalon E108 GN Series User Manual Ebyte 28 lug 2022 — 7 2 23 Return RTC time coin cell battery or farad capacitor powers the and backup RAM to reduce first UserManual EN cdebyte down aspx id 1884 ||| ||| E108-GN Series User Manual GPS/BEIDOU MULTI-MODE SATELLITE POSITIONING AND NAVIGATION MODULE Copyright 20122021Chengdu Ebyte Electronic Technology Co.,Ltd. 3 CONTENTS DISCLAIMER 7 1 PRODUCT OVERVIEW . 8 1.1 PRODUCT INTRODUCTION .8 1.2 FEATU

E108-GN Series User Manual GPS/BEIDOU MULTI-MODE SATELLITE POSITIONING AND NAVIGATION MODULE Copyri ... ; The serial port TXD and RXD are LVTTTL level, if connected with PC, it needs to be converted by **RS232** level. Users can use this serial port to receive positioning information data and software up...

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E01 2G4M27D v1 0 Wu Avalon E32 900T30D User Manual Oct 5 2024 — SX1276 868MHz 915MHz DIPWireless Module Page 2 Chengdu Ebyte Electronic Technology Co Ltd Copyright ©2012 hubtronics in docs |||

E32-900T30D User Manual SX1276 868MHz/915MHz DIP Wireless Module Chengdu Ebyte Electronic Technolo ... interface format the maximum power value of the module hexadecimal . The TTL interface is 0x10, **RS232** is 0x40, and RS485 is 0x80
7.4 Reset command Instruction format C4 C4 C4 Description In sle...

lang:i-klngon score:22 filesize: 1.3 M page_count: 21 document date: 2023-05-05



[pdf] User Manual Diagram

MA02 XXCX0080 Ebyte 30 ago 2021 — Modbus RTU protocol ○ Support all kinds of configuration software PLC touchscreen RS232 control IO DC 8~28V for power supply 8DO MA02 UserManual EN v1 0 ebyte en down aspx id 1661 |||

Chengdu Ebyte Electronic Technology Co.,Ltd. 8DOMA02-XXCX0080 User Manual
8DO MA02-XXCX0080 Copyri5 2.2.2
Communication wiring**RS232**.....
6 2.2....

lang:en score:22 filesize: 2.7 M page_count: 33 document date: 2021-09-29



[pdf] User Manual Catalog

E95 DTU 900SLxx 485 UserManual EN V1 1 ett co th productl2C RS485 900LS22 ||| ||| E95-DTU 900SLxx-485 Chengdu Ebyte Electronic Technology Co.,Ltd. E95-DTU 900SLxx-485 User Manual Catalog 1.Product Overview 1 1.1 Product introduction . 1 1.2 Features .1 1.3 Quick start 2 1.4 Description of each part . 4 1.5 Installation s

E95-DTU 900SLxx-485 Chengdu Ebyte Electronic Technology Co.,Ltd. E95-DTU 900SLxx-485 User Manua ... 850.125MHz - 930.125MHz frequency band default 868.125MHz . The radio provides transparent RS485/**RS232** interface , Using plastic shell, rail type installation structure, support 8 - 28V DC voltag...

lang:it score:22 filesize: 1.16 M page_count: 27 document date: 2022-06-15



E32-433T33S User Manual

SX1278 433MHz 2W TTL LoRa Wireless Module



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E01 2G4M27D v1 0 Wu Avalon E32 433T33S User Manual Ebyte is a wireless serial port module UART based on SEMTECH s SX1278 RF chip It has multiple transmission modes working in V8 1 Usermanual EN cdebyte down.aspx?id=2065 |||

E32-433T33S User Manual SX1278 433MHz 2W TTL LoRa Wireless Module

Chengdu Ebyte Electronic Technol ... interface format the maximum power value of the module hexadecimal . The TTL interface is 0x10, **RS232** is 0x40, and RS485 is 0x80 7.4 Reset command Instruction format Description Copyright 20122...

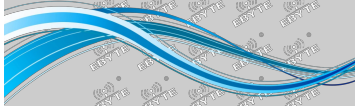
lang:i-klngon **score:22** filesize: 900.88 K page_count: 21 document date: 2023-02-02

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E15-PCIE-T1 User Manual



E15-PCIE-T1 User Manual



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Chengdu Ebyte Electronic Technology Co., Ltd. E15-PCIE-T1 User Manual E15-PCIE-T1 User Manual Cop ... perating 5 temperature Working 6 humidity Storage 7 temperature Lead-free process, machine-mounted **RS232**/RS485/USB -40 - 85 10 - 90 -40 - 125 Wireless products must be machine-mounted to ensure ba...

lang:en **score:21** filesize: 1.91 M page_count: 10 document date: 2024-04-30

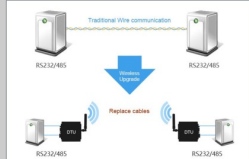
E51-DTU-2W Datasheet v1.0

Website: www.cdebyte.com/en



E51-DTU-2W Datasheet v1.0

Contents	
1. Introduction	2
2. Feature	3
3. E51 Series	3
4. Electrical Parameter	4
5. Functional Description (default)	5
5.1 Pin definition	5
5.2 Connection	6
6. Operating Mode	7
7. Instruction Format	7
7.1 Default parameter	8
7.2 Parameter setting instruction	8
7.3 Reading operating parameters	10
7.4 Reading version number	11
7.5 Reset instruction	11
8. Parameter Setting	11
9. Customization	12
10. About us	12



Page 1 of 12 pages

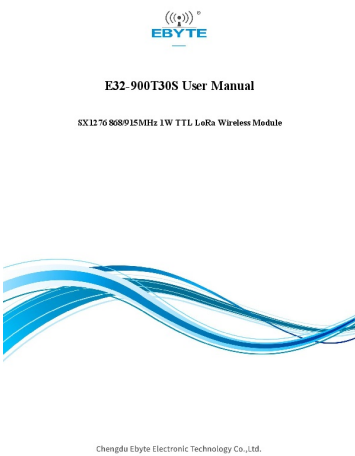
Technical Support: support@cdebyte.com

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E51 DTU 2W Datasheet EN v1 0 Chengdu Ebyte Electronic Technology Co Ltd Website cdebyte en No Pin item Application 1 RS232 Standard DB9 hole View ebyte down.aspx?id=270 |||

E51-DTU-2W Datasheet v1.0 Website www.cdebyte.com/en E51-DTU-2W Datasheet v1.0 Contents 1. Introdu Introduction Website www.cdebyte.com/en E51-DTU-2W is a 230MHz data transceiver unit DTU with **RS232**/RS485 interfaces and 8V - 28V voltage supply, it operates at 225-237.6MHz default: 230MHz , T...

lang:it **score:21** filesize: 769.13 K page_count: 12 document date: 2017-08-23



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E01 2G4M27D v1 0 Wu Avalon E32 900T30S User Manual 9 3 Bit error rate is too high 900T30 S a wireless serial port module TTL level based on Semtech s SX1276 radio frequency chip UserManual ES 1 es ebyte down aspx id 2166 |||

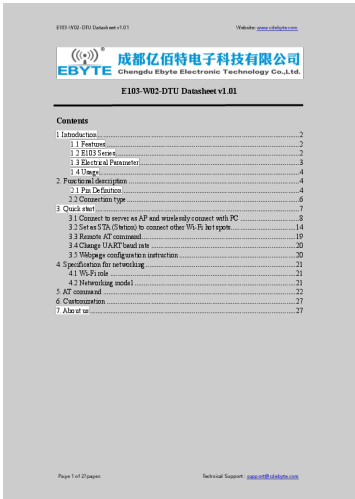
E32-900T30S User Manual SX1276 868/915MHz 1W TTL LoRa Wireless Module Contents Disclaimer and Copy ... interface format the maximum power value of the module hexadecimal . The TTL interface is 0x10, **RS232** is 0x40, and RS485 is 0x80 Copyright 201220 22 , Chengdu Ebyte Electronic Technology Co., Lt... lang:tl score:21 filesize: 789.45 K page_count: 20 document date: 2023-05-23



[pdf] User Manual Dimension Guide

117 Welen Lei Microsoft sad EWD95M 433Nxx xxx User Manual EbyteThe air speed is 2k 1 Air 5k The rate 8k 10k 15k Air EWD95M UserManual EN V1 2cdebyte down aspx id 3568 |||

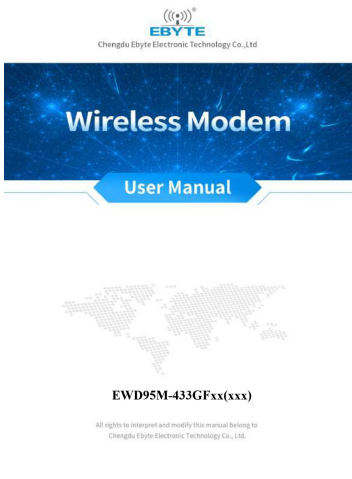
sad EWD95M-433Nxx xxx User Manual 433Mhz Data Transceiver Unit Chengdu Ebyte Electronic Technolog ... orts interoperability with our company s E30 series modules. The radio provides a transparent RS485/**RS232** interface, adopts a plastic shell, a guide rail installation structure, and supports 5-28V DC... lang:en score:21 filesize: 1.42 M page_count: 24 document date: 2025-01-22



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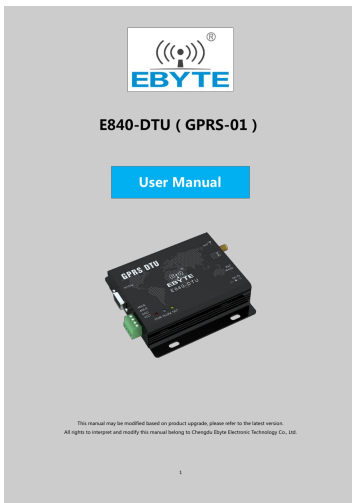
E103 W02 DTU Datasheet v1 01 Chengdu Ebyte Electronic Technology Co Ltd Website cdebyte Page 2 of 27pages Technical Support support@cdebyte 1 Introduction Features is a UART WiFi server supporting RS232 RS485 to two way transparent EN ebyte en down aspx id 287 |||

E103-W02-DTU Datasheet v1.01 Website: www.cdebyte.com E103-W02-DTU Datasheet v1.01 Contents 1.IntrIntroduction 1.1 Features Website: www.cdebyte.com E103-W02-DTU is a UART-WiFi server supporting **RS232**/RS485 to WiFi two-way transparent transmission, it enables the UART device to immediately have... lang:en score:21 filesize: 1.86 M page_count: 27 document date: 2017-09-26



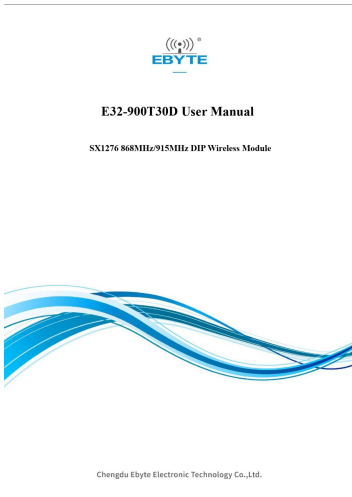
[EBYTE EWD95M-433GFxx Wireless Modem User Manual](#)

Comprehensive user manual for the EBYTE EWD95M-433GFxx wireless modem. Details features, technical specifications, GFSK modulation, RS485/RS232 interfaces, AT commands, and industrial applications for reliable data transmission. lang:en score:21 filesize: 1.3 M page_count: 31 document date: 2025-10-20



[\[pdf\] User Manual Datasheet](#)

E840 DTU Datasheet EN v1 0 Chengdu Ebyte Electronic Technology Co Ltd User Manual 2 Version Date Description Issued by 1 00 2017 12 6 Initial version huaa GPRS 01 is designed for the communication between UART and net server via With easy AT setting dual transparent transmission can be conducted This chapter focuses on brief introduction of e840 dtu datasheet en rcscomponents kiev ua datasheets All rights to interpret modify this manual belong Page E840-DTUGPRS-01 User Manual This manual may be modified based on product upgrade, please refer to th ... supports DC and RS485 terminal power supply. Its voltage ranges from 8.0 to 28.0V. 5.0V works too. **RS232** and RS485 apply electric isolation which enables anti-interference. It is applicable in some e... lang:en score:20 filesize: 1.72 M page_count: 22 document date: 2018-01-19



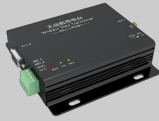
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Wireless Data Transceiver
E32-DTU

User Manual



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E32 DTU Datasheet EN v1 10 SX1276 SX1278 LORA Chengdu Ebyte Electronic Technology Co Ltd
adsbperu descargas EBYTE |||

Wireless Data Transceiver E32-DTU User Manual This manual may be modified based on product upgrade, ... cription E32-DTU series are wireless data transceivers of 170M/433M/490M//868M/915MHz with standard **RS232**/RS485 connectors. They are half-duplex TX RX modems with LoRa technology and transparent tra...
lang:en score:20 filesize: 1.22 M page_count: 12 document date: 2018-05-24