

EBYTE E95-DTU 400SL22P-485 Wireless Modem User Manual

Home » ebyte » EBYTE E95-DTU 400SL22P-485 Wireless Modem User Manual

Contents [hide

- 1 EBYTE E95-DTU 400SL22P-485 Wireless
- Modem
- 2 Disclaimer
- 3 Introduction
- 4 Quick Start
- **5 Installation Dimensions**
- **6 Technical Index**
- 7 Detailed Function
- 8 Product selection
- 9 Register Read and Write Control
- 10 Relay Networking Mode Use
- 11 Relay Networking Mode Use
- 12 Program the Radio
- 13 Related Products
- 14 Precautions for Use
- 15 Important Statement
- 16 Documents / Resources
 - 16.1 References
- 17 Related Posts



EBYTE E95-DTU 400SL22P-485 Wireless Modem



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Introduction

Brief Introduction

E95-DTU (400SL22P-485) is a wireless data transmission radio station that adopts military-grade LoRa modulation technology. It has a variety of transmission methods. It works in the frequency band (410.125MHz 493.125MHz) (default 433.125MHz). The radio provides a transparent RS485 interface. Adopt plastic shell, guide rail type installation structure, support DC 8 28V voltage input. LoRa spread spectrum technology will bring longer communication distance, and has the advantage of strong anti-interference ability.

As a communication medium, wireless data transmission station has a certain scope of application like optical fiber, microwave, and open wire: it provides real-time and reliable data transmission of monitoring signals in private networks under certain special conditions, with low cost, installation and maintenance Convenience, strong diffraction ability, flexible network structure, and long coverage. It is suitable for many and scattered locations and complex geographic environments. It can be connected with PLC, RTU, rain gauge, level gauge and other data terminals.

Features

- The latest LoRa technology is adopted, which is farther than traditional LoRa digital radio stations and has more powerful performance;
- With data encryption, the packet length can be set;
- Adopt flame-retardant plastic shell and guide rail type installation structure, which is convenient and efficient to install
- Hidden buttons are used to switch working modes to avoid false triggers, and the equipment is more reliable in

operation;

- Simple high-efficiency power supply design, support power supply configuration or line pressure mode, support DC 8 28Vpower supply;
- The transmit power is up to 22dBm, and supports multi-level adjustment, and all technical indicators meet industrial standards:
- Support Modbus protocol transmission;
- Support LBT function, the radio station automatically waits for transmission according to the current environmental noise intensity. Greatly improve the communication success rate of the radio station in harsh environments:
- Support wireless sending of command data packets, remote configuration or reading radio station parameters;
- · Support communication key function, effectively prevent data from being intercepted;
- Multi-level relay networking can be realized, effectively extending the communication distance, and realizing ultra-long-distance communication;
- Using temperature compensation circuit, the frequency stability is better than ±1.5PPM;
- Operating temperature range: -40°C +85°C, adapt to various harsh working environments, real industrial grade products;
- Multiple protection functions such as power reverse connection protection, over-connection protection, antenna surge protection, etc., greatly increase the reliability of the radio;
- The communication port and power interface adopt isolation and high protection;
- Powerful software function, all parameters can be set by programming: such as power, frequency, air speed, address ID, etc.;
- Built-in watchdog, and accurate time layout, once an abnormality occurs, the radio will automatically restart, and can continue to work according to the previous parameter settings.

Quick Start

1. You need to prepare two E95-DTU (400SL22P-485)











2. First install the antenna for the digital radio, and then install the power supply. The user selects the power adapter for power supply according to the needs.



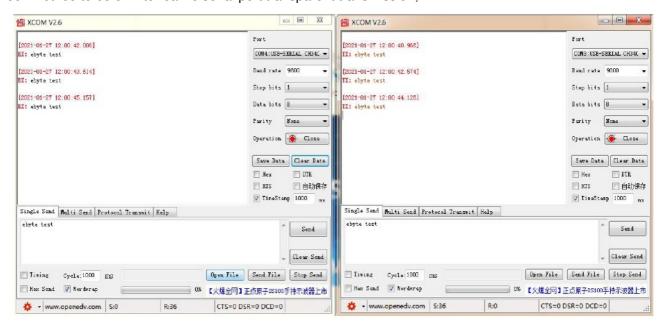




3. Use USB to RS485 or other methods to connect the computer to the digital radio;



4. Start two serial port debugging assistants, select the serial port baud rate to be 9600bps (default), and the check method to be 8N1 to realize serial port transparent transmission;



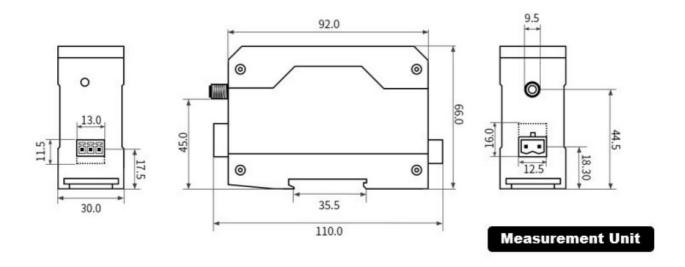
5. If the customer needs to switch the working mode, it can be controlled by the Mode button to switch between different working modes (M0 indicator, M1 indicator). Long press the Mode button for about 1ms and then release it to switch the mode once. The mode switching details are shown in the table below:

Serial number	Class	M1	МО	Note
mode 1	Transparent transmission mo de	Lights off	Lights off	Serial port open, wireless open, transpare nt transmission (factory default mode), supp ort special command air configuration.
mode 2	WOR mode	Lights off	Light on	Can be defined as WOR sender and WOR R
mode 3	Configuration mode	Light on	Lights off	The user accesses the register through the serial port to control the working status of the radio station. The user can configure the radio station through the upper computer configuration software.
mode 4	Slaan mada	Light on	Light on	The radio goes to close

mode 4 Sleep mode Light on Light on The radio goes to sleep

Note: The radio has a power-down save mode function (the factory default setting is transparent transmission mode), and the user needs to switch the corresponding mode according to the M1 and M0 indicators (effective immediately).

Installation Dimensions



Technical Index

General Specifications

Serial number	Item	Specification	Note
1	Product Size	92*66*30 mm	See installation dimensions for details
2	product weight	95 g	Weight tolerance 5g
3	Operating temperature	-40°C +85°C	Industrial grade
4	voltage range	DC 8 28V	It is recommended to use 12V or 24V forDC
5	Communicatio n	RS485	RS485
6	Baud rate	Factory default 960	Baud rate range 1200 115200
7	address code	Factory default 0	A total of 65536 address codes can be set

Frequency Range and Number of Channels

Product Model	Default freq uency MHz	Frequency Range MHz	Channel spacing MHz	Number of channels
E95-DTU(400SL22P-485)	433.125M	410.125 493.125M	1M	84, Half duplex

Note: If multiple groups of digital radios are used in the same area to communicate one to one at the same time, it is recommended that each group of digital radios set a channel spacing of more than 2MHz.

Transmit Power Level

Product Model	22dBm	17dBm	13dBm	10dBm / 21dBm
E95-DTU(400SL22P-485)	Factory default	V	V	√

Note: The lower the transmission power, the closer the transmission distance, but the working current will not

decrease in the same proportion. It is recommended to use the maximum transmission power.

Air Speed Class

Product Model	Default air rate(bps)	Number of levels	Air speed class(kbps)
E95-DTU(400SL22P-485)	Factory default	8	0.3\1.2\2.4\4.8\9.6\19.2\38.4\62.5

Note: The higher the air speed setting, the faster the transmission rate and the shorter the transmission distance; therefore, when the speed meets the requirements of use, it is recommended that the airspeed be as low as possible.

Sending and Receiving Length and Subcontracting Method

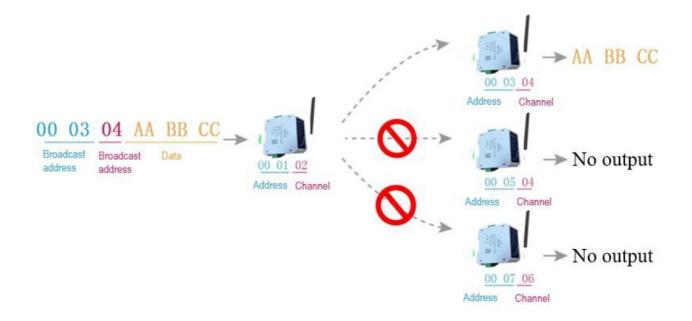
Product Model	Cache size	Subcontracting method
E95-DTU(400SL22P-485)	1000 bytes	Can be set by instructions to sub-package 32/64/1 28/240 bytes to send

Note:

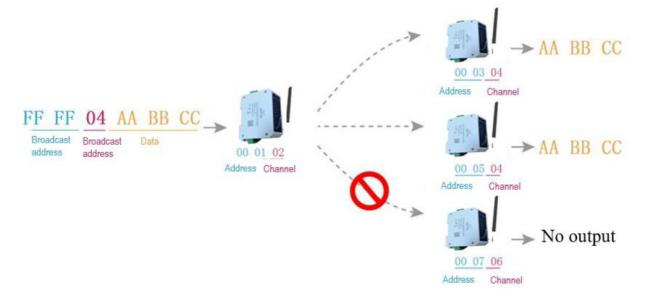
- 1. If the radio's single received data is greater than the single packet capacity, the excess data will be automatically allocated to the second transmission until the transmission is completed;
- 2. The single received data of the radio station cannot be larger than the buffer capacity.

Detailed Function

Fixed-point Transmission (Hexadecimal)



Broadcast Transmission (Hexadecimal)



Broadcast Address

- **Example:** Set the address of station A to 0xFFFF and the channel to 0x04.
- When station A is used as a transmitter (same mode, transparent transmission mode), all receiving stations under the 0x04 channel can receive data to achieve the purpose of broadcasting.

Listening Address

- **Example:** Set the address of station A to 0xFFFF and the channel to 0x04.
- When the station A is receiving, it can receive all the data under the 0x04 channel to achieve the purpose of monitoring.

Product selection

E95-DTU has four working modes. When there is no demanding low power consumption, it is recommended to configure the radio to transparent transmission mode (mode 0) if normal communication is required. The default setting of the radio at the factory is transparent transmission mode (mode 0).

Serial number	Category	M 1	МО	Annotation
Mode 0	Transparent transmission mode	Lights off	Lights off	Serial port open, wireless open, transparent transmission (factory default mode), support
				special command air configuration.
Mode 1	WOR mode	Lights off	Light on	Can be defined as WOR sender and WOR receiver, support air wakeup
Mode 2	Configuration mode	Light on	Lights off	The user accesses the register through the serial port to control the working status of the radio station. The user can configure the radio station through the upper computer configuration software.
Mode 3	Deep sleep mode	Light on	Light on	The radio goes to sleep

Note: If there is no low power consumption requirement, there is no need to care about WOR mode (mode 1).

Transparent Transmission Mode (Mode 0)

Туре	When the M0 indicator light is off and the M1 indicator light is off, the radio is working in mo de 0
Emission	The user can input data through the serial port, and the radio will start wireless transmission.
Receive	The radio receiving function is turned on, and the wireless data will be output through the serial port TXD pin after receiving the wireless data.

WOR Mode (Mode 1)

Туре	When the M0 indicator light is off and the M1 indicator light is off, the radio is working in mo de 1
Emission	When defined as the transmitter, the wake-up code for a certain period of time will be automatically added before transmission
Receive	Data can be received normally, the receiving function is equivalent to mode 0

Configuration Mode (Mode 2)

Туре	When the M0 indicator light is off and the M1 indicator light is on, the radio is working in m ode 2
Emission	Can be configured wirelessly
Receive	Can be configured wirelessly
Configurat	The user can access the register to configure the working status of the radio

Deep Sleep Mode (Mode 3)

Туре	When the M0 indicator light is on and the M1 indicator light is on, the radio is working in mo de 3
Emission	Unable to transmit wireless data.
Receive	Cannot receive wireless data.

Register Read and Write Control

Instruction Format

In configuration mode (mode 2: M1 indicator light is on, M0 indicator light is off), the supported command list is as follows (when setting, only 9600, 8N1 format is supported):

Serial n umber	Instruction f ormat	Detailed description
		Command: C0+start address+length+parameter Response: C1+start address+length+parameter
		Example 1: Configure the channel as 0x09 Instruction start address length paramet er
		Send: C0 05 01 09
	Set register	Returns: C1 05 01 09
		Example 2: Configure the radio address (0x1234), network address (0x00), serial p ort (9600 8N1), airspeed (1.2K) at the same time
1		Send: C0 00 04 12 34 00 61
		Return: C1 00 04 12 34 00 61
		Command: C1+start address+length Response: C1+start address+length+parameter
		Example 1: Read the channel
		Instruction start address length parameter Send: C1 05 01
	Read register	Returns: C1 05 01 09
		Example 2: Read the radio address, network address, serial port, airspeed at the same time
2		Send: C1 00 04
		Return: C1 00 04 12 34 00 61

		Command: C2 + start address + length + parameters Response: C1 + start address + length + parameters
		Example 1: Configure the channel as 0x09 Instruction start address length paramet er
	Set up	Send: C2 05 01 09
	temporary reg	Returns: C1 05 01 09
3		Example 2: Configure the radio address (0x1234), network address (0x00), serial p ort (9600 8N1), airspeed (1.2K) at the same time
		Send: C2 00 04 12 34 00 61
		Return: C1 00 04 12 34 00 61
		Instructions: CF CF + regular instructions Response: CF CF + regular response
		Example 1: The wireless configuration channel is 0x09
		Wireless command header command start address length parameter Send: CF CF C0 05 01 09
	Wireless configuration	Returns: CF CF C1 05 01 09
_		Example 2: Wirelessly configure the radio address (0x1234), network address (0x0 0), serial port (9600 8N1), airspeed (1.2K) at the same time
5		Send: CF CF C0 00 04 12 34 00 61
		Return: CF CF C1 00 04 12 34 00 61
	uwang farrast	Malformed response
6	wrong format	FF FF FF

Serial numb er	Rea d a nd writ e	nam e	description	Remarks
00H	Rea d/ Writ e	ADD ADDUCT () ()		High byte and low byte of ra dio address; Note: When the radio station address is
				as the
01H	Rea d/ Writ e	ADD L	ADDL(Default 0)	broadcast and monitor addre ss, that is: the radio station will not perform address
				filtering at this time
02H	Rea d/ Writ e	NETI D	NETID(Default 0)	Network address, used to distinguish networks; When communicating with each other, they should be set to the same.

	7	6	5	UART Serial port rate (bps)		
	0	0	0	Serial port baud rate1200		
	0	0	1	Serial port baud rate2400		
	0	1	0	Serial port baud rate4800		
	0	1 1	1	Serial por t	bau d	rate960 0
				(Default)		
	1	0	0	Serial port baud rate19200		

For two radios that communicate with each other, the serial port baud rate c an be different, and the verification m ethod can also be different;

When continuously transmitting large data packets, users need to consider

			1	0	1	Serial port baud rate38400	the data congestion caused by the sa me baud rate, and may even be lost;		
			1	1	0	Serial port baud rate57600	It is generally recommended that the		
			1	1	1	Serial port baud	baud rate of the two communication parties be the same.		
			ļ .			rate115200			
	Read								
03H	/ Writ	REG0	4	3	Seria	ll port check digit			
			0	0	8N1(Default)			
			0	1	801		The serial port mode of the two com		
			1	0	8E1		munication parties can be different;		
			1	1	8N1	(equivalent to 00)			
			2	1	0	Wireless air rate (bps)			
			0	0	0	Air speed0.3k			
			0	0	1	Air speed1.2k			
			0	1	0	Air speed2.4k(Default)	The air rate of both parties must be th		
			0	1	1	Air speed4.8k	– e same		
			1	0	0	Air speed9.6k			
			1	0	1	Air speed19.2k	The higher the air rate, the smaller the delay and the shorter the transmissi		
			1	1	0	Air speed38.4k	on distance.		
			1	1	1	Air speed62.5k	_		
			7	6	Subc	contracting settings	The data sent by the user is less than		
			0	0	240b	yte(Default)	the sub-packet length, and the serial port output of the receiving end appe		
			0	1	128b	yte	ars as an uninterrupted continuous output;		
			1	0	64by	te			
							If the data sent by the user is larger th		
			1	1	32by	te	an the packet length, the serial port of the receiving end will output in packet s.		
			5	RSS	l Envir	onmental noise enable			
			0	Disa	bled (c	lefault)	After enabling, you can send		
	Read / Writ			!			commands C0 C1 C2 C3 in transmiss ion mode or		
04H	е	REG1					WOR sending mode to read registers		

			;
			Register 0x00: Current environmental
			noise RSSI;
			Register 0X01: RSSI when receiving
			data last time
	1	Enable	(The current channel noise is: dBm =-RSSI/2);
			Instruction format: C0 C1 C2 C3 + sta rt
			address + read length;
			Return: C1 + address address + read
			length + read valid value; for example :

							send C0 C1 C2 C3 00 01			
							Return C1 00 01 RSSI			
			4	3	2	Keep				
			1	0	Transmit power		The relationship between po			
			0	0	22dBm(default)		wer and current is non-linear. At the maximum power, the p			
			0	1	17dBm		ower supply has the highest			
			1	0	13dBm		efficiency; the current will no decrease in the same propo			
			1	1	10dBm / 21dBm		tion as the power decreases.			
	Rea		Cł	nann	el Control (CH)					
05H	d/ Writ e	REG 2	0-8	83 re	espectively represent a total	of 84 channels	Actual frequency = 410.125 + CH *1M			
			7	zEr	nable RSSI byte		After being enabled, the radi			
			0	Dis	abled (default)		o receives wireless data and outputs it through the serial p			
			1	Ena	able		ort TXD, followed by an RSSI strength byte.			
			6	trar	nsfer method		Donie Conductivities			
			0	Trai	nsparent transmission (defa	ult)	During fixed-point transmissi on, the radio will recognize th			
						e three bytes of serial d s: address high + addre				

	Fixe	ed-po	pint transmission	+ channel, and use it as a wir eless transmission target.		
5	5 Rela	ay fu	nction	After the relay function is ena		
0	Disa	able	relay function (default)	bled, if the target address is not the radio station itself, the		
1		ıble r	relay function	radio station will start a forwa rding; In order to prevent data retur n, it is recommended to use i t in conjunction with the fixed -point mode; that is, the desti nation address and the sourc e address are different.		
4	1 LBT	ena	ble	After enabling, the wireless d		
0	Disa	abled	d (default)	ata will be monitored before t ransmission, which can avoid interference to a certai		
	Enable			n extent, but it may cause da ta delay;		
1		lDIE		The maximum stay time of L BT is 2 seconds, and it will b e issued forcibly when it reac hes 2 seconds.		
3	3 WO	Rm	ode transceiver control	Only valid for mode 1;		
Rea	WO	R re	ceiver (default)			
06H d/Writ e REG 3	ting		o transceiver is turned on, and when transmit a, a wake-up code for a certain period of time i	After the WOR receiver receives the wireless data and out puts it through the serial port, it will wait 1000ms before entering the WOR again. During		
	WO	R tra	ansmitter	this period, the user can input the serial data and return it wirelessly;		
1	The radio cannot transmit data and works in WOR monitoring mode. The monitoring period is shown below (WOR period), which can save a lot of power consumption.		mode. The monitoring period is shown below	Each serial port byte will be r efreshed for 1000ms;		
				The user must initiate the firs t byte within 1000ms.		
2	2 1	0	WOR cycle	Only valid for mode 1;		

	1	I	1				
			0	0	0	500ms	
			0	0	1	1000ms	Cycle T= (1+WOR)*500ms, the maxi
			0	1	0	1500ms	mum is 4000ms, the minimum is 500 ms;
			0	1	1	2000ms	
			1	0	0	2500ms	The longer the WOR monitoring inter
			1	0	1	3000ms	val period, the lower the average pow er consumption, but the greater the d
			1	1	0	3500ms	ata delay;
			1	1	1	4000ms	Both sender and receiver must agree (very important)
07H	Write	CRYP T _H	Hiç	gh byte	e of ke	ey (default 0)	Only write, read returns 0; Used for encryption to avoid intercept
		_''					ion of wireless data in the air by simil ar radio stations;
							The radio station will use these two bytes
08H	Write	CRYP T _L	Low byte of key (d			y (default 0)	as a calculation factor to transform a nd encrypt the wireless signal in the air.
80H							
86H	Read	PID	Pro	oduct i	nform	ation 7 bytes	Product information 7 bytes

Factory Default Parameters

Product model	Factory default parameter value:C0 00 00 62 00 00							
Radio model	Frequency	Address	Channel	Air rate	Baud rate	Serial fo rmat	Transmit pow er	
E95-DTU(400SL22P-4 8 5)	433.125M Hz	0x0000	0x17	2.4kbps	9600	8N1	22dBm (small power)	

Relay Networking Mode Use

Serial number	Relay mode description
1	After setting the relay mode through the configuration mode, switch to the normal mode, and the relay starts to work.
2	In the relay mode, ADDH and ADDL are no longer used as the radio address, but corresp ond to the NETID forwarding pairing respectively. If one of the networks is received, it will be forwarded to the other network. The network ID of the repeater itself is invalid.
3	In the relay mode, the relay station cannot send and receive data, and cannot perform lo w-power operation.
4	When the user enters other modes from Mode 3 (sleep mode) or is in the reset process, t he radio will reset the user parameters, during which AUX outputs low level.

- 1. Forwarding rules, the relay can forward data in both directions between two NETIDs.
- 2. In the relay mode, ADDH\ADDL is no longer used as a radio address, but as a NETID forwarding pairing. As shown in the figure:

1. First level relay

"Node 1" NETID is 08.

"Node 2" NETID is 33.

The ADDH\ADDL of relay 1 are 08 and 33 respectively.

So the signal sent by node 1 (08) can be forwarded to node 2 (33)

At the same time, node 1 and node 2 have the same address, so the data sent by node 1 can be received by node 2.

2. Secondary relay

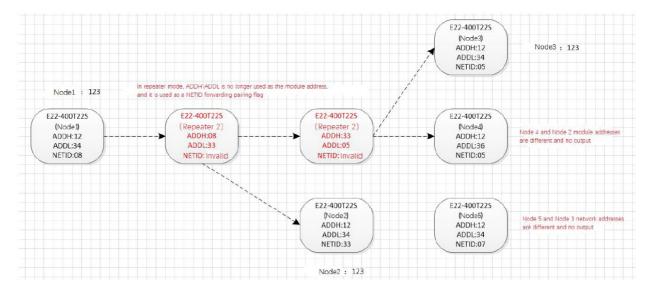
The ADDH\ADDL of relay 2 are 33 and 05 respectively.

So relay 2 can forward the data of relay 1 to the network NETID: 05.

Therefore, node 3 and node 4 can receive node 1 data. Node 4 normally outputs data, and node 3 has a different address from node 1, so no data is output.

3. Two-way relay

As shown in the configuration: the data sent by node 1 can be received by nodes 2 and 4, and the data sent by nodes 2 and 4 can also be received by node



Relay Networking Mode Use

• The following figure shows the display interface of the E95-DTU (400SL22P-485) configuration host computer. The user can switch to the configuration mode through the MODE button, and quickly configure and read the parameters on the host computer.



• In the configuration of the host computer, the radio address, frequency channel, network ID, and key are all displayed in decimal mode. The range of each parameter is:

Network address: 0 65535 Frequency channel: 0 83

Network ID: 0 255

Key: 0 65535

• When using the host computer to configure the relay mode, the user needs to pay special attention. Since the parameters in the host computer are in decimal display mode, the radio address and network ID need to be converted when filling in the radio station address and network ID. If the network ID input by the transmitting terminal A is 02 and the network ID input by the receiving terminal B is 10, when the relay terminal R sets the radio address, the hexadecimal value 0X020A is converted to the decimal value 522 as the relay terminal R. Radio address. That is, the radio address value that needs to be filled in by the relay terminal R at this time is 522.

Program the Radio

Operating mode	M1	МО	
Configuration mode	The indicator light is o	The indicator light is off	Only use the configuration software t o program the radio in the current mod e

- 1. Programming can only be carried out in a specific working mode (see the above table). If the programming fails, please confirm whether the working mode of the radio is correct.
- 2. If you don't need complicated programming to open the E95-DTU (400SL22P-485) configuration software, you can modify the relevant parameters.

Related Products

Product Number	Interface Type	Working Freque ncy MHz	Transmi t Power dBm	Com mu ni cation Distan c	Features
E95-DTU(400SL22- 485)	RS485	410.125 493.125	22	5	A new generation of LoRa, rail type, RS485, E90-DTU SL series intercommunication, DC power supply
E95-DTU(400SL22- 232)	RS232	410.125 493.125	22	5	A new generation of LoRa, rail type, RS485, E90-DTU SL series intercommunication, DC power supply
E95-DTU(400SL30- 485)	RS485	410.125 493.125	30	10	A new generation of LoRa, rail typ e, RS485, E90-DTU SL series intercommunication, DC power su pply

E95-DTU(400SL30- 232)	RS232	410.125 493.125	30	10	A new generation of LoRa, rail typ e, RS485, E90-DTU SL series intercommunication, DC power su pply
E95- DTU(400SL22P-485	RS485	410.125 493.125	22	5	A new generation of LoRa, rail type, RS485, E90-DTU SL series intercommunication, high protection, DC power supply
E95- DTU(400SL22P-232	RS232	410.125 493.125	22	5	A new generation of LoRa, rail typ e, RS485, E90-DTU L series inter communication, high protection, D C power supply
E95- DTU(400SL30P-485	RS485	410.125 493.125	30	10	A new generation of LoRa, rail type, RS485, E90-DTU SL series intercommunication, high protection, DC power supply
E95- DTU(400SL30P-232	RS232	410.125 493.125	30	10	A new generation of LoRa, rail type, RS485, E90-DTU SL series intercommunication, high protection, DC power supply

E96-DTU(400SL22- 485)	RS485	410.125 493.125	22	5	A new generation of LoRa, rail typ e, RS485, E90-DTU SL series intercommunication, AC power su pply
E96-DTU(400SL22- 485)	RS232	410.125 493.125	22	5	A new generation of LoRa, rail type, RS485, E90-DTU SL series intercommunication, AC power supply
E96-DTU(400SL30- 485)	RS485	410.125 493.125	30	10	A new generation of LoRa, rail type, RS485, E90-DTU SL series
					intercommunication, AC power su pply
E96-DTU(400SL30- 232)	RS232	410.125 493.125	30	10	A new generation of LoRa, rail typ e, RS485, E90-DTU SL series intercommunication, AC power su pply

Precautions for Use

- 1. Do not operate this radio in the vicinity of some flammable places (such as coal mines) or explosive dangerous objects (such as detonators for detonation).
- 2. A suitable DC stabilized power supply should be selected, which requires strong anti-high frequency interference, low ripple, and sufficient load capacity; preferably, it should also have over-current, over-voltage protection and lightning protection functions to ensure data transmission The radio is working normally.
- 3. Do not use it in a working environment that exceeds the environmental characteristics of the digital radio, such as high temperature, humidity, low temperature, strong electromagnetic field or dusty environment.
- 4. Don't let the digital radio station continuously be in full load transmitting state, otherwise, the transmitter may be burnt out.
- 5. The ground wire of the digital transmission radio station should be well connected with the ground wire of the external equipment (such as PC, PLC, etc.) and the ground wire of the power supply, otherwise the

communication interface may be burnt out; do not plug or unplug the serial port with power on.

- 6. When testing the digital radio station, you must connect a matching antenna or a 50Ω dummy load, otherwise, the transmitter will be easily damaged; if the antenna is connected, the distance between the human body and the antenna should be more than 2 meters to avoid injury. Do not touch the antenna while transmitting.
- 7. Wireless data transmission stations often have different communication distances in different environments. The communication distance is often affected by temperature, humidity, obstacle density, obstacle volume, and electromagnetic environment; in order to ensure stable communication, it is recommended to reserve 50 % Or more of the communication distance margin.
- 8. If the measured communication distance is not ideal, it is recommended to analyze and improve the communication distance from the antenna quality and antenna installation method. You can also contact support@cdebyte.com for help.
 - 9. When selecting the power supply, in addition to retaining 50% of the current margin as recommended, it should also be noted that its ripple should not exceed 100mV.

Important Statement

- 1. Ebyte reserves the right of the final interpretation and modification of all contents in this manual.
- 2. Due to the continuous improvement of the hardware and software of the product, this manual may be changed without prior notice. The latest version of the manual shall prevail.

Revision history

Version	Date	Description	Issued by
1.0	2020-10-23	Initial version	Li
1.1	2021-02-04	Integrated SL series	ken

About us

Technical support: support@cdebyte.com

Documents and RF Setting download link: www.ebyte.com

Thank you for using Ebyte products! Please contact us with any questions or suggestions: info@cdebyte.com

Phone: +86 028-61399028 Web: <u>www.ebyte.com</u>

Address: B5 Mould Park, 199# Xiqu Ave, High-tech District, Sichuan, China

Documents / Resources



<u>EBYTE E95-DTU 400SL22P-485 Wireless Modem</u> [pdf] User Manual E95-DTU 400SL22P-485, Wireless Modem, E95-DTU 400SL22P-485 Wireless Modem

References

• ^(c) LoRa/ZigBee/WiFi/ - - - - -

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