



Communicate with Mitsubishi FX Series



Website: <http://www.we-con.com.cn/en>

Technical Support: support@we-con.com.cn

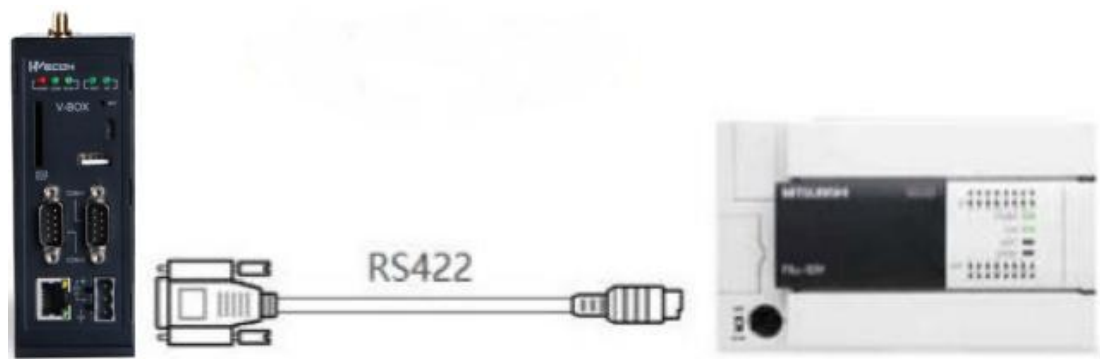
Skype: fcwkkj

Phone: 86-591-87868869 EXT 8



1.General

This example introduces how to establish communication between Wecon VBOX and Mitsubishi FX Series PLC.



VBOX side: COM1(DB9) interface

PLC side: 8-pin circular port

2.Operation Steps

2.1 VBOX communication settings

Configuration>>Communication>>Add new port>>Set the communication parameter as below:

Edit Port
✕

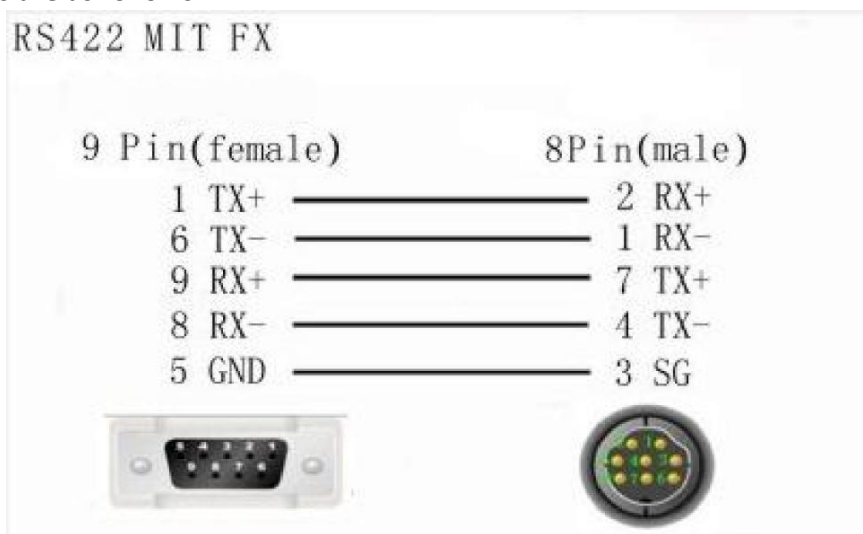
Port	COM1	Device Type	Mitsubishi
Protocol	MIT FX NOPRO...	Device Station No.	0
Device Station No.		Retry Count	2
Receive Timeout		Wait Timeout	300 ms
Length		Integration interval	0 ms
Retry Timeout		Delay Time	0 ms
Stop Bit	1	Baud Rate	9600
Parity	EVEN	Port	RS422
		Data Bit	7

Cancel
OK

2.2 Establish connection

VBOX uses the COM1 port, and the PLC uses 8-pin circular port

The pin connections are as follows:



COM1 PIN Definition

PIN	Definition	PIN	Definition
1	RS422 TX+ (RS485+)	2	RS232 RXD
3	RS232 TXD	5	GND
6	RS422 TX- (RS485-)	8	RS422 RX-
9	RS422 RX+		

H series VBOX COM1 Pin Definition

2.3 Notification

This example is for FX3U, and it is the same for establishing other FX series communication operations. Only need to modify the protocol for corresponding model.