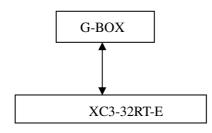


G-BOX application

Application introduction:



Use a G-BOX to connect with XC3-32RT-E PLC, to realize the following function:

- 1. Send message: "W M0 1", the output LED Y0 will be ON.
- 2. Send message: "W M1 1", the output LED Y1 will be ON, Y0 will be OFF.
- 3. Send message: "W M2 1", the output LED Y2 will be ON, Y1 will be OFF.
- 4. Send message: "W M3 1", the output LED Y3 will be ON, Y2 will be OFF.
- 5. Send message: "W M4 1", the output LED Y0-Y3 will turn from ON and OFF in sequence.

Operation steps:

1. The installation of SIM card





Add the SIM card, then insert them into G-BOX.(Make sure the SIM card support GPRS, and pay attention that when the card insert into G-BOX, all the message in it will be deleted.)



2. T-BOX configuration

① Give G-BOX power, and connect the serial port of G-BOX to PC. Make sure the code

switch is "0001". Then open the XCPPro.

Check the serial port:

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Row 0,Col 0 OVR	PLC1:XC3-60 Communication:Com,Station:1

② Config as follows:

"option" \rightarrow "communication mode config"

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"Add G-BOX"

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"Read from G-BOX"

Edit GBOX Device	<u>×</u>
Login in Name: thinget Psw: 03-08-10-06-00-01-00-00	Name Phone Station
Remote Login in Server IP: 61 .160 .67 .86 Port: 502 Server 2 Name: Thinget Slave Server	
Serial Port Baudrate: 19200 BPS Databits: 8Bit Stopbits: 1Bit Parity: Even Send Delay(ms): 255 Connect To FLC FLag Connect To FLC FLag Kenable Station Num: 1 Refresh(ms): 1 Reg Name: M1000	Comment Device Name: GBOX Defaulted Comment: Defaulted GBOX, Need Edit, Create Date of:2008-10-15 8:37:58
Version Read From GBOX V	Write To GBOX OK Cancel

Add your mobile phone number, then the number will be allowed to control the G-BOX.Then click "Write to G-BOX".

Edit GBOX Device	×
Login in Name: thinget	Name Phone Station
Psw: 03-08-10-06-00-01-00-00	
Remote Login in Server IP: 61 .160 .67 .86 Port: 502	
Server 2 Name: Thinget Slave Server	
Serial Port Baudrate: 19200 BPS V Databits: 8Bit Station Num: 1	Comment Device Name: GBOX Defaulted
Batabits.opit Station Num: 1 Stopbits: 1Bit Refresh(ms): 1 Parity: Even Reg Name: M1000	Comment: Defaulted GBOX, Need Edit, Create Date A of:2008-10-15 8:37:58
Send Delay (ms): 255	
Version Read From GBOX	Write To GBOX OK Cancel

When all finished, click "OK", and cut the power, then give it again.(Only in this way, the information write to G-BOX will be useful).

3. Download program to PLC.

PLC, G-BOX, PC connect as below:

G-BOX serial port \rightarrow PLC port 1 PLC port 2 \rightarrow PC

Make sure the code switch of G-BOX is "1000".



Open the XCPPro, and test the PLC port.

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Open the program:

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	Information	4 ×
	Error List Output	
PLC Config Password Serial Port BD CAN		
Row 92,Col 10 Steps:277 OVR	PLC1:XC3-32 Communication:Com,Station:1	

Download into PLC:

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Then click "Run", the PLC will be controlled by G-BOX.

4. System test

Send the message: W M0 1 The PLC Y0 LED will be ON:



Then send the message: W M3 1 The PLC Y3 LED will be ON, Y0 will be OFF:

