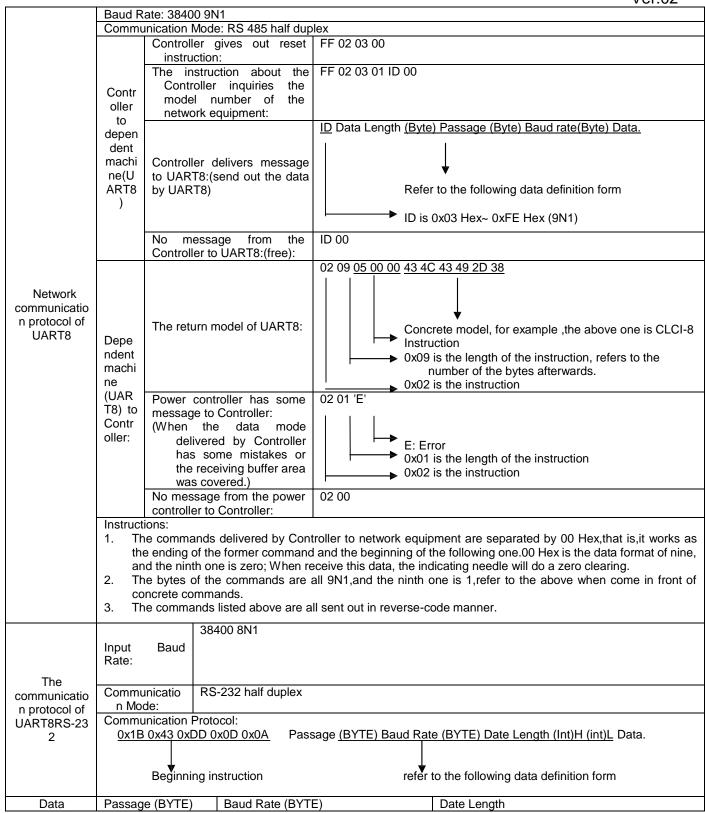
Communication Protocol between UART8 and the Controller

Ver:02



Definition:	01: COM1passage	00: 300 bits/s	The data length of NET485 is measured by Byte
	02: COM2passage 03: COM3passage 04: COM4passage 05: COM5passage 06: COM6passage	01: 600 bits/s	The data length of RS-232 is measured by Int
		02: 1200 bits/s	*cannot be 0x00
		03: 2400 bits/s	
		04: 4800 bits/s	
	07: COM7passage	05: 9600 bits/s	
	08: COM8passage	06: 14400 bits/s	
		07: 19200 bits/s	
		08: 38400 bits/s	
		09: 57600 bits/s	

Note:

\x1B\x43\xDD\x0D\x0A\x07\x00\x00\x00\x03\x01\x02\x03

↓ ↓ ↓ ↓ Channel Parity Baud rate

From PGMII to UART8 using direct line, from UART8 to PGMII using indirect line.

CR-UART8 Function Instruction

1. Function Description

- 1) Signal input/ output: two RS-232 ports for communicating with the Controller; Eight delivery outlets COM1~COM8 (RS-323) for signal outputting.
- 2) Working Theory: This equipment communicates with the Controller by RS-232. It can transfer the data delivered by the Controller into the allocated baud rate, and put out the result in the corresponding outlet from COM1 to COM8.

2. Technical Parameters

Dimension:	480x128x38
Weight:	1kg
Input Power:	DC8V~ DC24V
Working	-10 °C ~ 60 °C
Environment:	
Communication	Refer to the concrete communication protocol of this type of
Parameters:	machine
Working Current:	35mA
Static Current:	26mA
Power	Max.: 0.85W
Consumption:	

3. Test

- 1) Communication Test:
 - Connect it to the 485 network, use inquire command to detect this device. The NET light won't be on if can not detect that it is working.
 - Use SSCOM to send data to RS-232 input port, and then test whether the feedback is correct. At the same time, watch whether the LED light will be on or not.
 - All things are OK if the test above passed.
- 2) ID Test:

Set the ID as 01,12,24,48,80, inquire these status and when they can not be detected, that means the circuit is normal.