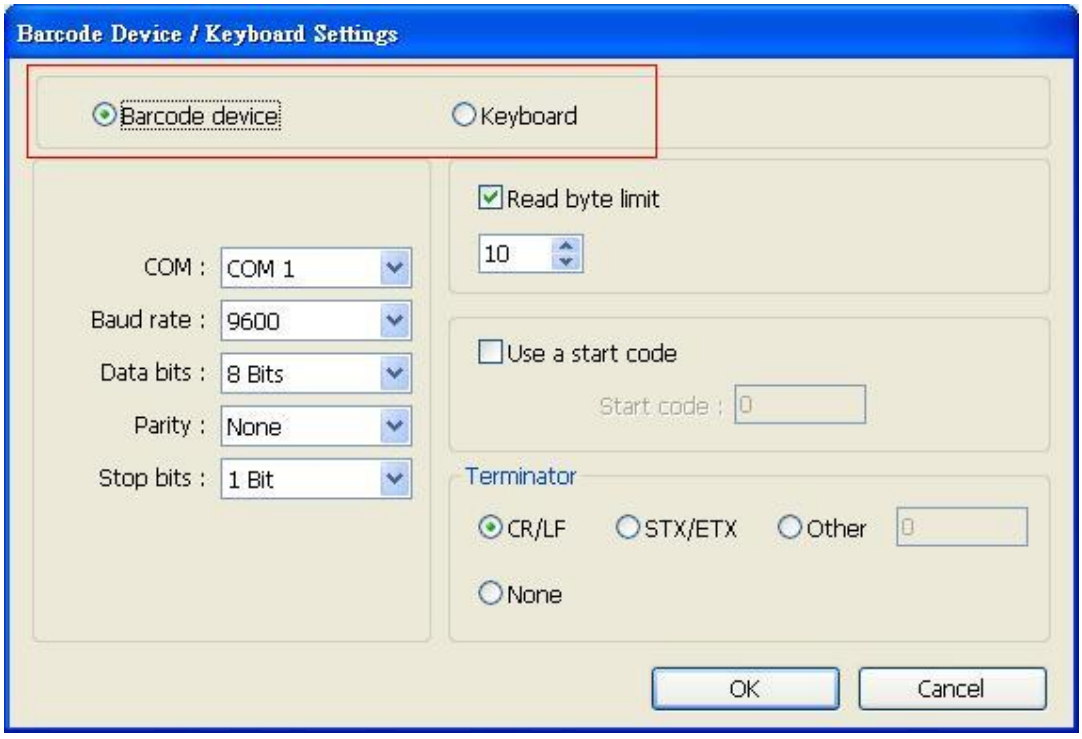
Barcode/Keyboard (USB/COM)

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Barcode/Keyboard (USB/COM)		
PLC I/F	RS232	RS232/485,USB	
Baud rate	9600	9600~115200	
Data bits	8	7,8	
Parity	None	None, Even, Odd	
Stop bits	1	1,2	
Terminator	CR/LF	CR/LF, STX/ETX, Other, None	

★When setting device properties, select [Barcode device] or [Keyboard] mode.



Device Address:

Bit/Wor	Device type	Format	Range	Memo
B	FLAG	DD	0 ~ 17	Flag
B	RESET	O	0	*Note 1
B	CONNECT_STATUS	O	0	
W	BARCODE	DD	0	Length *Note 2
W	BARCODE	DD	1 ~ 511	Data *Note 2
W	RESULT	D	0	*Note 3

1. RESET: If set on, clears the data of BARCODE and RESULT, and clears FLAG to OFF.

2. BARCODE 0: Number of bytes currently read.
   BARCODE 1 ~ n: Stores the data read.

3. RESULT:Indicates the result of data reading.
   The following values indicate:
   0 : Waiting to read BARCODE.
   1 : BARCODE is successfully read.
   2 : Invalid BARCODE format.
   3 : Exceeds the number of bytes specified in [Read byte limit].
   4 : The Start Code of the data read does not match the setting.
   5 : The Terminator of the data read does not match the setting.

Wiring Diagram:

RS-232

The serial port pin assignments may vary between HMI models, please click the following link for more information.

HMI		PLC
Link		RS232 9P D-Sub Female
Rx	⟷	TXD
Tx	⟷	RXD
GND	⟷	GND