

# LS XGL-CH2A Cnet

LS XGT series communication module XGL-CH2A

<http://www.lgis.com/>

## HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	LS XGL-CH2A Cnet		
Com port	RS232	RS232/RS485 2W/4W	
Baud rate	19200	9600~115200	
Parity bit	None	Even, Odd, None	
Data Bits	8	7, 8	
Stop Bits	1	1	
HMI Station No.	0		
PLC Station no.	0		

## PLC Setting:

Communication mode	
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## Device address:

Bit/Word	Device Type	Format	Range	Memo
B	P	dddd(h)	0~2047F	I/O device
B	M	dddd(h)	0~2047F	Internal device
B	L	dddd(h)	0~2047F	Communication device
B	K	dddd(h)	0~2047F	Preservation device
B	F	dddd(h)	0~2047F	Special device( write available from 1025)
B	T	dddd	0~2047	Timer device
B	C	dddd	0~2047	Counter device
B	S	ddd(dd)	0~127(99)	Relay for step control
B	D_Bit	dddd(h)	0~19999F	Data register_Bit expression (D0000.0)
B	U_Bit	hhdd(h)	hh:0~3f, dd:0~31 (h):0~f	XGK-CPUE : hh(0~1f)
W	D	dddd	0~19999	Data register
W	U	hh(dd)	0~3f(0~31)	Analog data register XGK-CPUE : hh(0~1f)
W	N	dddd	0~21503	Communication data register
W	Z	ddd	0~127	Index register_128 words
W	T	dddd	0~2047	Timer current value register
W	C	dddd	0~2047	Counter current value register
W	R	dddddd	0~32767	

Bit/Word	Device Type	Format	Range	Memo
W	ZR	dddd	0~32767	
W	TS	dddd	0~2047	Setup value
W	CS	dddd	0~2047	Setup value

d:(Decimal) h:(Hexadecimal)

## Wiring diagram:

### RS-232:

MT8000 RS232  
9P D-SUB

COM1	COM2	COM3
3 TX	4 TX	7 TX
2 RX	6 RX	8 RX
5 GND	5 GND	5 GND

XGL-CH2A  
CH1  
RS232 9P D-SUB

2	RXD
3	TXD
5	GND

### RS485 4wire:

MT8000  
COM1[RS-485]4w  
9P D-SUB

1	RX-
2	RX+
3	TX-
4	TX+
5	GND

XGL-CH2A  
CH2  
5P terminal.

TX-
TX+
RX-
RX+
GND