

## Siemens S7-200 SMART (Ethernet)

Supported Series: Siemens S7/200 SMART Series Ethernet Module.

Website: <http://www.siemens.com/entry/cc/en/>

### HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Siemens S7-200 SMART (Ethernet)		
PLC I/F	Ethernet		
Port no.	102		
PLC sta. no.	2		

Online simulator	Yes	Multiple HMI connection	Yes (8 HMI)
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\*At most four HMIs can be connected with PLC simultaneously.

### Device Address:

Bit/Word	Device	Format	Range	Memo
B	I	DDDDo	0 ~ 12797	Input
B	Q	DDDDo	0 ~ 12797	Output
B	M	DDo	0 ~ 637	Bit Memory
B	V	DDDDDDo	0 ~ 1023997	V Memory Bit
B	S	DDo	0 ~ 317	SCR
B	SM	DDDDo	0 ~ 20477	Special Memory Bit
B	Timer	DDD	0 ~ 511	Timer
B	Counter	DDD	0 ~ 511	Counter
W	IW	DDDD	0 ~ 1278	Input
W	QW	DDDD	0 ~ 1278	Output
W	MW	DD	0 ~ 62	Word Memory
W	VW	DDDDDD	0 ~ 102398	V Memory
W	SW	DD	0 ~ 30	SCR
W	SMW	DDDD	0 ~ 2046	Special Memory
W	T	DDD	0 ~ 511	Timer
W	C	DDD	0 ~ 511	Counter
W	AIW	DDD	0 ~ 530	Analog Input
W	AQW	DDD	0 ~ 530	Analog Output
Byte	IB	DDDD	0 ~ 1279	Input (Byte)

Bit/Word	Device	Format	Range	Memo
Byte	QB	DDDD	0 ~ 1279	Output (Byte)
Byte	MB	DD	0 ~ 63	Memory (Byte)
Byte	VB	DDDDDD	0 ~ 102399	V Memory (Byte)
Byte	SB	DD	0 ~ 31	SCR (Byte)
Byte	SMB	DDDD	0 ~ 2047	Special Memory (Byte)
DW	ID	DDDD	0 ~ 1276	Input (Double Word)
DW	QD	DDDD	0 ~ 1276	Output (Double Word)
DW	MD	DD	0 ~ 60	Memory (Double Word)
DW	VD	DDDDDD	0 ~ 102396	V Memory (Double Word)
DW	SD	DD	0 ~ 28	SCR (Double Word)
DW	SMD	DDDD	0 ~ 2044	Special Memory (Double Word)

- Double word and floating point value must use VD device type.

## Wiring Diagram:

### Ethernet cable:

