

## YUDIAN AIBUS

Supported Series: YUDIAN Automation AI-501, AI-518, AI-519, AI-701, AI-702M, AI-704M, AI-706M, AI-719.

Website: <http://www.yudian.us>

### HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	AIBUS		
PLC I/F	RS485 2W	RS232	
Baud rate	9600	9600, 19200	
Data bits	8		
Parity	None		
Stop bits	2		
HMI sta. no.	0		
PLC sta. no.	1	0-100	

On-line simulation	YES
Extend address mode	NO

### Device Address:

#### AI-518

Bit/Word	Device type		Format	Range	Memo
W	0	00H	DD		SV/STEP
W	1	01H	DD	-1999 ~ 9999	HIAL
W	2	02H	DD	-1999 ~ 9999	LoAL
W	3	03H	DD	0 ~ 9999	dHAL
W	4	04H	DD	0 ~ 9999	dLAL
W	5	05H	DD	0 ~ 2000	dF
W	6	06H	DD	0 ~ 4	Ctrl
W	7	07H	DD	0 ~ 9999	M5
W	8	08H	DD	1 ~ 9999	P
W	9	09H	DD	0 ~ 2000	t
W	10	0AH	DD	0 ~ 125	Ctl
W	11	0BH	DD	0 ~ 37	Sn (read only)

Bit/Word	Device type		Format	Range	Memo
W	12	0CH	DD	0 ~ 3	dIP (read only)
W	13	0DH	DD	-1999 ~ 9999	dIL
W	14	0EH	DD	-1999 ~ 9999	dIH
W	15	0FH	DD	0 ~ 9999	ALP
W	16	10H	DD	-1999 ~ 4000	Sc
W	17	11H	DD	0 ~ 48	Op1
W	18	12H	DD	-110 ~ 110%	oPL
W	19	13H	DD	0 ~ 110%	oPH
W	20	14H	DD	0 ~ 127	CF (read only)
W	21	15H	DD	0 ~ 19.2K	Baud rate ( bAud )
W	22	16H	DD	0 ~ 100	ADDR
W	23	17H	DD	0 ~ 20	dL
W	24	18H	DD	0 ~ 127	Run
W	25	19H	DD	0 ~ 9999	Loc

## AI-701

Bit/Word	Device type		Format	Range	Memo
W	1	01H	DD	-9990 ~ 30000	HIAL
W	2	02H	DD	-9990 ~ 30000	LoAL
W	3	03H	DD	-9990 ~ 30000	HdAL
W	4	04H	DD	-9990 ~ 30000	LdAL
W	5	05H	DD	0 ~ 2000	AHYS
W	11	0BH	DD	0 ~ 37	InP (read only)
W	12	0CH	DD	0 ~ 3	dPt
W	13	0DH	DD	-9999 ~ 30000	SCL
W	14	0EH	DD	-9999 ~ 30000	SCH
W	15	0FH	DD	0 ~ 4444	AOP
W	16	10H	DD	-1999 ~ 4000 0.1℃	Scb
W	17	11H	DD	0 ~ 48	Opt
W	21	15H	DD	0 ~ 19.2K	Baud rate ( bAud ) /808P status word run: 0 suspend: 4 stop: 12 (read only)
W	22	16H	DD	0 ~ 80	ADDR
W	23	17H	DD	0 ~ 40	FILt
W	25	19H	DD	0 ~ 255	Loc

## Wiring Diagram:

### RS-485 2W

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

