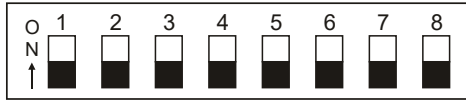


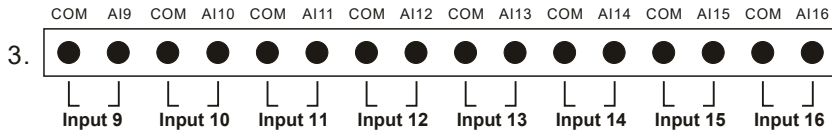
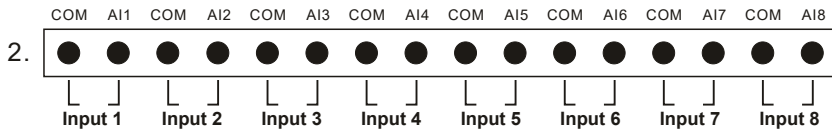
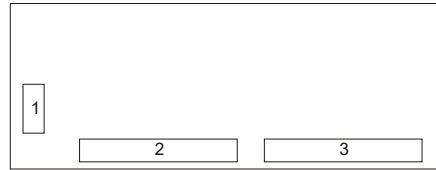
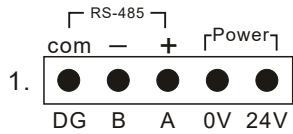
# AI-16 16 CHANNEL ANALOG INPUT CARD MANUAL

## DIP SWITCH



SW	Description
1	Address bit 0
2	Address bit 1
3	Address bit 2
4	Address bit 3
5	Address bit 4
6	Address bit 5
7	OFF = None parity check , 1 stop bit ON = None parity check , 2 stop bit
8	OFF = Baud rate 9600 ON = Baud rate 19200

## WIRING CONNECTION



Terminal code	Description
+24V	Power Supply+24V (Maximum 280mA)
0V	Power Supply 0V
A	RS-485 +
B	RS-485 -
G	RS-485 GND (Reference point, optional)
AI1 ~ AI16	Input point 1 to 16
COM	Analog current circuit or grounding.

## MODBUS RTU MODE PROTOCOL ADDRESS TABLE

Address	Code	Word	Function	Range
0000H	03H	1	Channel 1 Data Number	0000H ~ 0FFFH
0001H	03H	1	Channel 2 Data Number	0000H ~ 0FFFH
0002H	03H	1	Channel 3 Data Number	0000H ~ 0FFFH
0003H	03H	1	Channel 4 Data Number	0000H ~ 0FFFH
0004H	03H	1	Channel 5 Data Number	0000H ~ 0FFFH
0005H	03H	1	Channel 6 Data Number	0000H ~ 0FFFH
0006H	03H	1	Channel 7 Data Number	0000H ~ 0FFFH
0007H	03H	1	Channel 8 Data Number	0000H ~ 0FFFH
0008H	03H	1	Channel 9 Data Number	0000H ~ 0FFFH
0009H	03H	1	Channel 10 Data Number	0000H ~ 0FFFH
000AH	03H	1	Channel 11 Data Number	0000H ~ 0FFFH
000BH	03H	1	Channel 12 Data Number	0000H ~ 0FFFH
000CH	03H	1	Channel 13 Data Number	0000H ~ 0FFFH
000DH	03H	1	Channel 14 Data Number	0000H ~ 0FFFH
000EH	03H	1	Channel 15 Data Number	0000H ~ 0FFFH
000FH	03H	1	Channel 16 Data Number	0000H ~ 0FFFH

Ex : Read the first station information: Channel 3~6 data

Send : 01 03 00 02 00 04 CRC

Received : 01 03 08 XX XX XX XX XX XX XX XX CRC