

## SC AI - S40 Analog Input to Modbus RTU Gateway



### Features

- Support Analog Devices to Modbus RTU Networks
- Support 4 Analog Inputs
- 3 Models to cover various applications
- S40 – 4~20mA x 2 + 0~10V x 2 Inputs
- S40A – 4~20mA x 4 Inputs
- S40A – 4~20mA x 4 Inputs

### Specification

#### Hardware

CPU : 8 bits CPU  
RAM : 64KB Internal SRAM  
ROM : 256K bytes Flash ROM  
Watchdog: Built in H/W Watchdog timer

#### Serial Interface

Port number : 1  
Port Type : RS-485 x 1 Port  
Connector : 2-pin Terminal Block  
Speed : 300 bps ~ 115.2 Kbps  
Parity : None , Odd , Even , Mark , Space  
Data Bit : 5, 6 , 7 , 8  
Stop Bit : 1 , 2  
RS-485 : Data+ , Data-  
Built-in : RS-485 pull high / low Terminal Resistor  
Protection : 485 Surge & Over Current Protection, Built in 15KV ESD protection for all signals

#### Analog Input

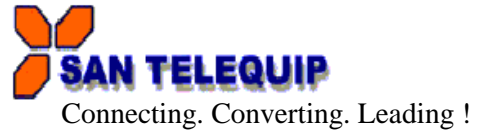
Resolution : 10 bits  
Input number : 4  
Current : 4 ~ 20 mA x 2 channels  
Voltage : 0 ~ 10 V x 2 channels  
S40-A : 4 ~ 20 mA x 4 channels

#### Power

Dual Inputs Redundant  
Input 1 : DC 9 ~24V, 500mA@ 12VDC, External Adapter  
Input 2 : Terminal Block

**LED** : PWR, Pair, Rx, Tx

San Telequip (P) Ltd.,  
504/505 Deron Heights, Baner Road, Baner  
Pune 411045, Mah, India  
Phone : +91-20-65001587, 9764027070, 8390069393  
email : [info@santelequip.com](mailto:info@santelequip.com)



### Software Features

Support Modbus RTU Slave,  
OS Supported : Win 2000/2003/XP/Vista/Win 7/Win 8  
Configuration : Window Utility, Web Browser

### Environment

Temperature : Operating: -10°C ~ 65°C  
Storage : -20°C ~ 70°C  
Humidity : Operating: 10% ~ 95% non condensing  
Storage : 5% ~ 95% non-condensing

