SLC485-S

> Plug and play
> Easy to set up
> Provides RS232/485 flexible use
> Broadcast mode pairing not required
> Simple construction maintenance and operation
> Instant return (NO waiting time)
> Indoor/Outdoor models are complete
> Complete indoor and outdoor antenna available

Communication technology : LoRa 862~932 MHz pass through mode or Modbus. (non-LoRa WAN protocol)

Transmission mode : Multi-end points form a broadcast network according to the frequency band, and only one end point can send signals at a time (similar to the traditional Walkie-talkie design),only suitable for one Master+n Slaves applications.

Communication Flow : Maximum load 255 bytes per packet data.

Converter conversion Interface : RS232/485.

Measured communication distance: height 100cm measured 2 km at both ends, transmission success rate is about 90%

Industrial IoT LoRa Converter SLC485-S Specifications

Main Chip
LoRa Transmission : Semtech SX1276
Soc : Cortex®-M0
Memory: Flash 128K

LoRa
Frequency: 862~932MHz
Frequency Accuracy: ±10KHz
Modulation: LoRa
Transmit Power: 2~+20dBm
Data Rate: 0.244~18.2Kbps(LoRa)
High Sensitivity: down to -137dBm
Communication Distance: 2~5Km
Antenna Impedance: 50ohm

Serial Port
RS232/485:
-Half Duplex of RS232
 Baud Rate to 9600、19200bps
-Half Duplex of RS485
 Baud Rate to 9600、19200bps

Configurations and Management
Firmware: Com port support system firmware upgrade

Power Source
Supply Voltage: +5~24VDC Terminal Block
 +5V Micro USB
 (alternative)

Power Consumption
Standby: 5V,16.63mA
 12V, 6.97mA
 24V, 4.03mA
Transmission: 5V,17.35mA
 12V,41.95mA
 24V,21.73mA
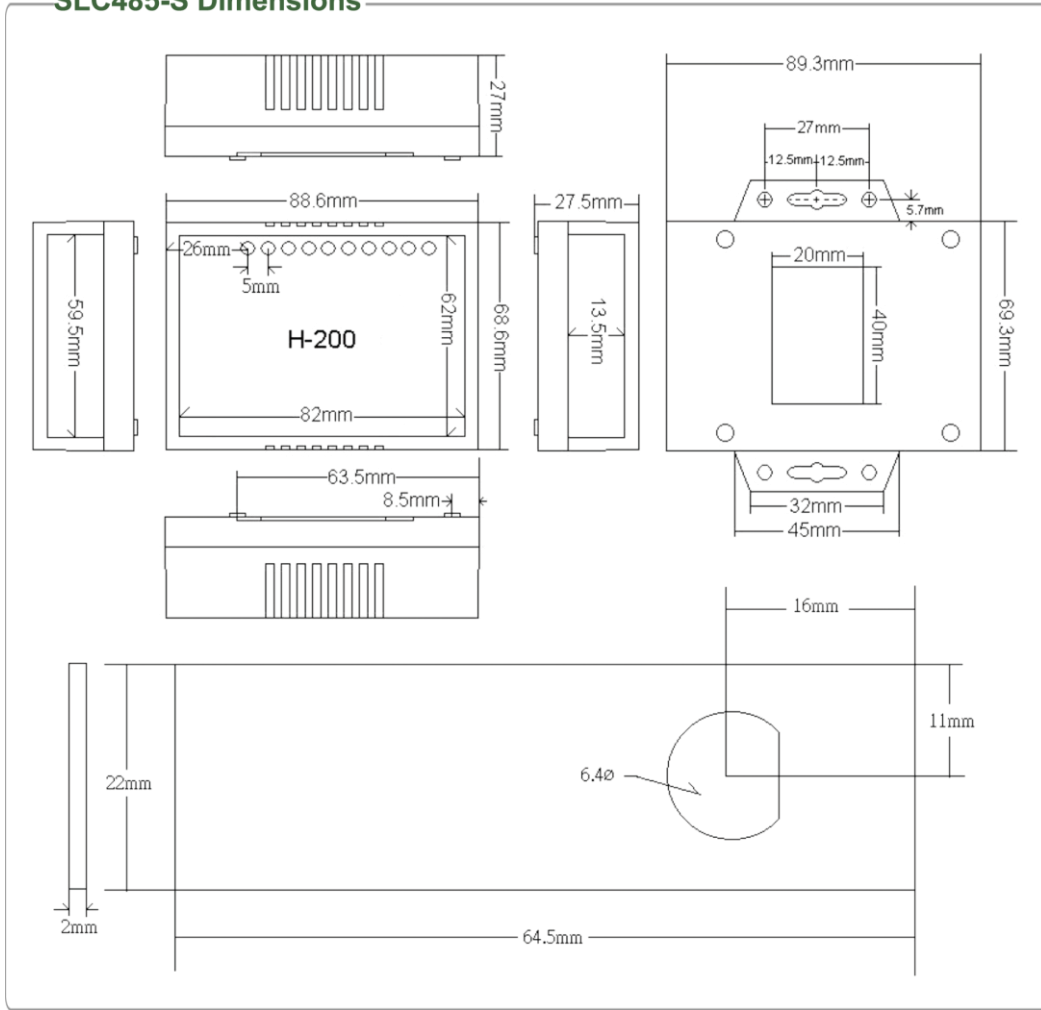
Environment
Operating Temperature: 0℃~50℃

Mechanism
Dimensions: W*H*D: 27*89*68 (mm)
Weight: 82 ±5g
Download Tool: https://www.maxlong.com.tw/product-detail/slc485/

SLC485-S Dimensions

SLC485-S Interface

81.80 mm

61.80 mm

Reset

DC 5V

LoRa

SLC485-S

DIP ⌈ CF2
     ├ CF1
     ├ Set
     └ RS485Ω

RS232 ⌈ GND
       ├ Tx
       └ Rx

RS485 ⌈ D+
       └ D−

CFG   Tx Rx   PWR   DC
5~24V ⌈ −
       └ +

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