

Introducing SPIO Series

Analog I/Os

SPIO Series



maestrotek
innovations



CloudXTU

PRODUCT OVERVIEW



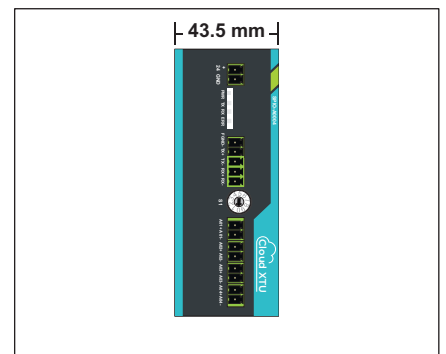
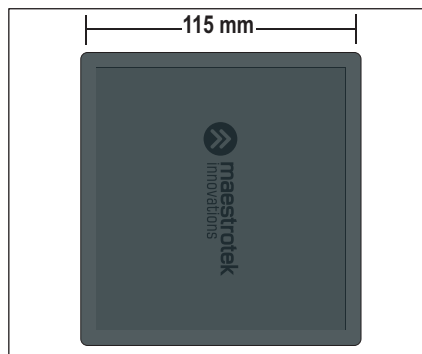
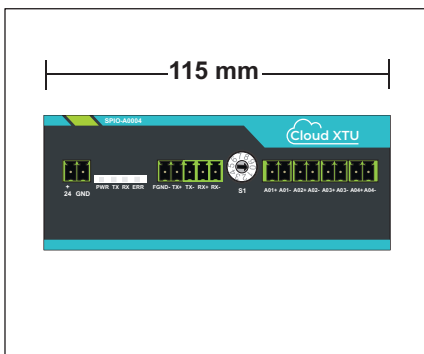
The SPIO series Modules are a robust and versatile I/O system that provides a simple low-cost solution to fulfill the Remote I/O requirements of Industries. The SPIO series Modules consists of Analog Input (AI up to 4), and Output (AO up to 4) which can be connected together on a RS422 4W multi-drop network using the MODBUS RTU protocol (up to 16 devices) or CAN FD interface. A 32-bit ARM CPU is used in the module to provide high-speed data processing and low communication latency. All SPIO series products plug directly into an industry-standard DIN rail. SPIO series has minimum isolation of 1500VAC rms between the field and logic. The SPIO module is also equipped with status leds to indicate the status of the inputs, outputs, communication, and error. This visual indication assists with fault finding and diagnostics.

SPECIFICATIONS

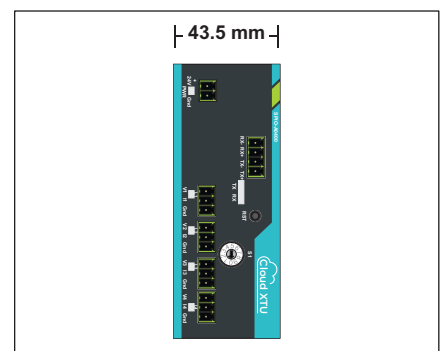
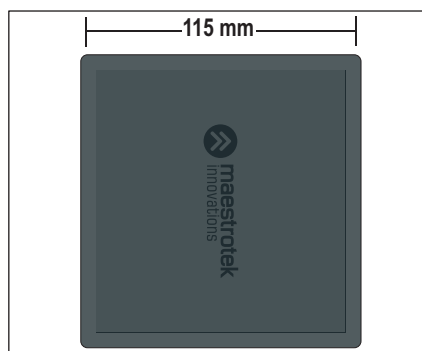
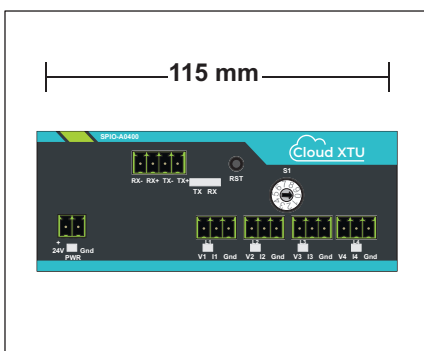
Parameter	SPIO-A0400	SPIO-A0004
Supply Voltage	24VDC	
Analog Inputs	04 x 16-bit Analog input channels with Voltage Mode and 4mA-20mA Mode	NA
Analog Output	NA	4 x 12 bit Analog Output channel with 4mA-20 mA output
Communication	1 x Modbus port with RS 422 4W 1 x CAN FD Port (Optional) 1 x Master Ports with RS 485 (2W/4W)	
Data Storage	OnBoard retentive storage for select data	
Isolation	Channel to Channel Isolation	

PRODUCT IMAGES

SPIO-A0004



SPIO-A0400



MODEL SELECTION

SPIO - A XX XX
1 2

1: Analog Input

00: No Analog Input channel
04: 4 Channels

2: Analog Output

00: No Analog Output channel
04: 4 Channels