San Telequip (P) Ltd.,
4 Crystal House, 235, Navi Peth
Off LBS Road, Pune 411 030
Phone: 020- 24334423, 65001587
email: info@santelequip.com

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Document Name: User Manual: SAM DO 485

INTRODUCTION
SAM DO is a Dual RS485 2/4 Wire Input and Single RS 232 Output Port Switch. The switching of either of the Inputs to the Output, is done by applying external 24V DC voltage (DI)

OPERATION
In SAM -DO, there are Two Input RS485 2/4 Wire Port as Inputs & One RS 232 Port as Output Normally, Input Port 1 is connected to the Output. When 24V DC is applied, Port 1 gets disconnected & Port 2 get connected to the Output.

RS 485 SIDE DETAIL

Pin No	SIGNAL of SAM DO	Will Connect to
1	TX +	RX + of your Device
2	TX -	RX - of your Device
3	RX +	TX + of your Device
4	RX -	TX – of your Device

For RS 485 2 Wire, Please use only TX+ & TX- Signals

SERIAL CABLE CONNECTIONS FOR RS 232 SIDE

Output Port	Signal
2	RXD
3	TXD
5	GND

INTERFACE DETAILS

RS 485 Input Port 1 & 2	4 Pin Howder Connector.
RS 232 Output Port	9 Pin D Type Female connector.

Power Supply 90 ~ 270 VAC	3 Pin Howder Connector.

DIP SWITCH SETTING

MODE	SW 1	SW 2
RS 485 (2 Wire)	ON	OFF
RS 485 (4 Wire)	OFF	ON