



SWITCH BOX

SMA SP8T Programmable/Control Tool

CONFIGURATION:

1 input – 8 output blocking matrix &
input ports not available to multiple
output ports at the same time



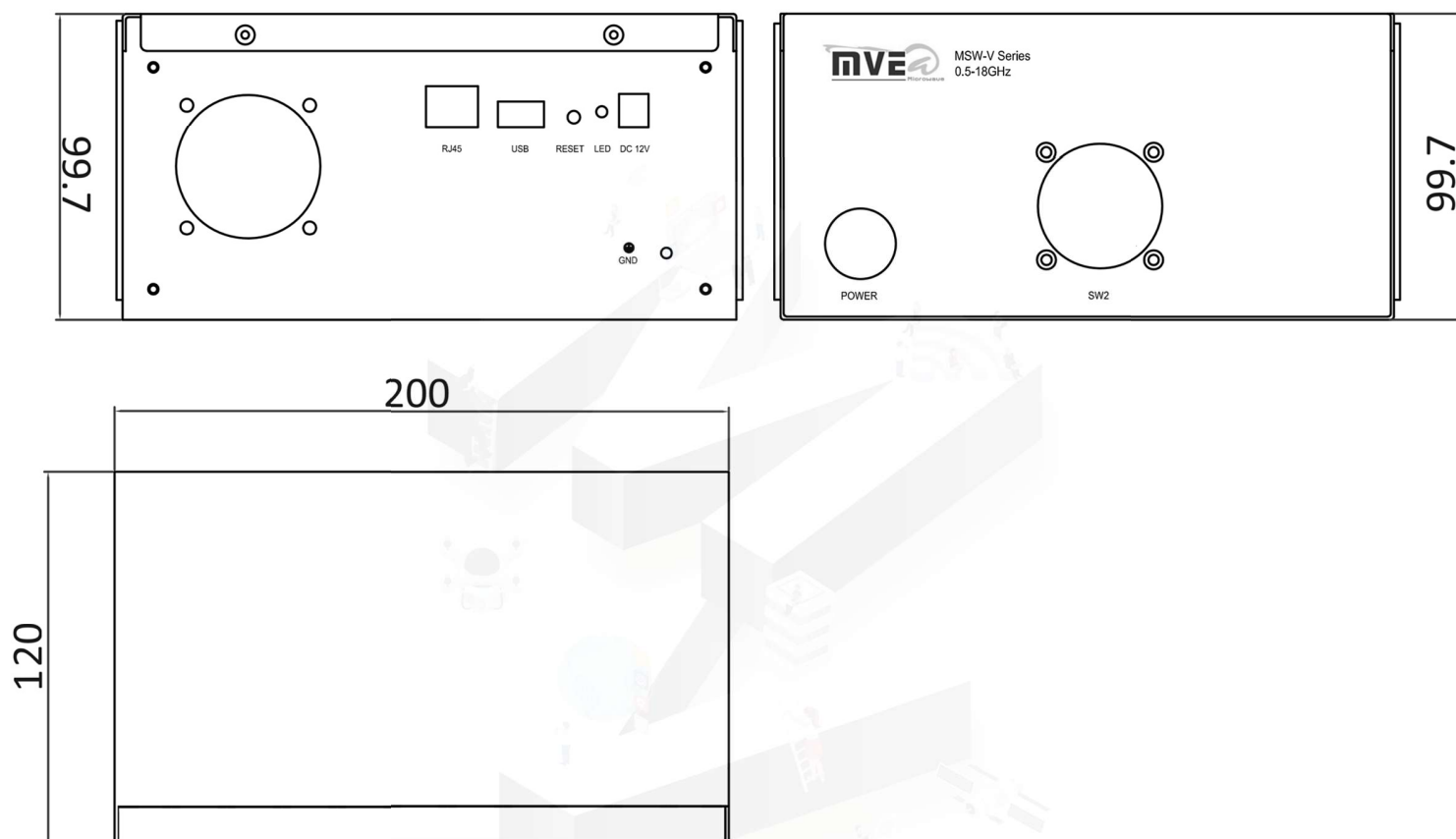
Specifications

MSW-V8000				
MVE9820 (SP8T)				
FREQUENCY RANGE	DC-4GHz	4-8GHz	8-12GHz	12-18GHz
INSERTION LOSS(MAX.)	0.2 dB	0.3 dB	0.4 dB	0.6 dB
VSWR(MAX.)	1.20:1	1.30:1	1.40:1	1.60:1
ISOLATION(MIN.)	75 dB	65 dB	60 dB	60 dB
AVERAGE POWER (MAX.)	50W			
IMPEDANCE	50 Ohms			
SWITCHING TIMES	15ms MAX.			
DC SUPPLY	DC 12V			
CONTROL TYPE	Ethernet or USB			
SOFTWARE UPDATE	Ethernet			
LIFE CYCLES	2,000,000 MIN.(Standard warranty: 1 year)			
CONNECTOR TYPE	SMA Female			
WEIGHT	About 1kg			
ENVIRONMENTAL CHARACTERISTICS				
TEMPERATURE RANGE	0°C-+60°C			

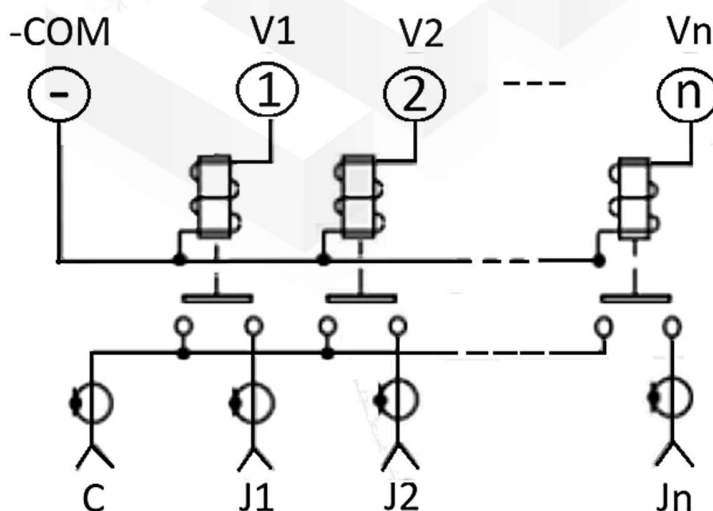


Tolerance: $\pm 5\%$

Outline Drawing: (mm)



Electrical Schematic: SP8T





SWITCH BOX Format

Port / 指令	FORMAT	ANSWER
SW2-1	SS<space>2<space>1	>>S2:1
SW2-2	SS<space>2<space>2	>>S2:2
SW2-3	SS<space>2<space>3	>>S2:3
SW2-4	SS<space>2<space>4	>>S2:4
SW2-5	SS<space>2<space>5	>>S2:5
SW2-6	SS<space>2<space>6	>>S2:6
SW2-7	SS<space>2<space>7	>>S2:7
SW2-8	SS<space>2<space>8	>>S2:8
ALL OFF	ALL OFF	OK

Transmission Control Protocol:

Configuration Environment

All commands should be typed in halfwidth and should be ended by \r\n

<CR>= Carriage return <LF>= Line feed

SWITCH SETTING	
Format	SS x y<CR><LF>
Description	Setting the switch to the specific port x = switch number y = port number
Example	SS 2 1<CR><LF> Response: >>S2:1
SITUATION OF CURRENT SWITCH	
Format	RS x<CR><LF>
Description	x = switch number
Example	RS 2<CR> <LF> Response: >>S2:1



TOTAL SWITCHING TIME OF NO. SWITCH	
Format	SW x y<CR><LF>
Description	x = switch number y = port number
Example	SW 2 1<CR> <LF> Response: >>S2:1:240 *The return number means resetting times of each port of # 2 switch**.
SN SEARCHING	
Format	SN?<CR><LF>
Description	Display serial number
Example	SN?<CR><LF> Response: >>C70002S
SWITCH OFF	
Format	ALL OFF
Description	Setting the switch port all off
Example	ALL OFF<CR><LF> Response: >>OK

*The format is for reference only

NOTES:
1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

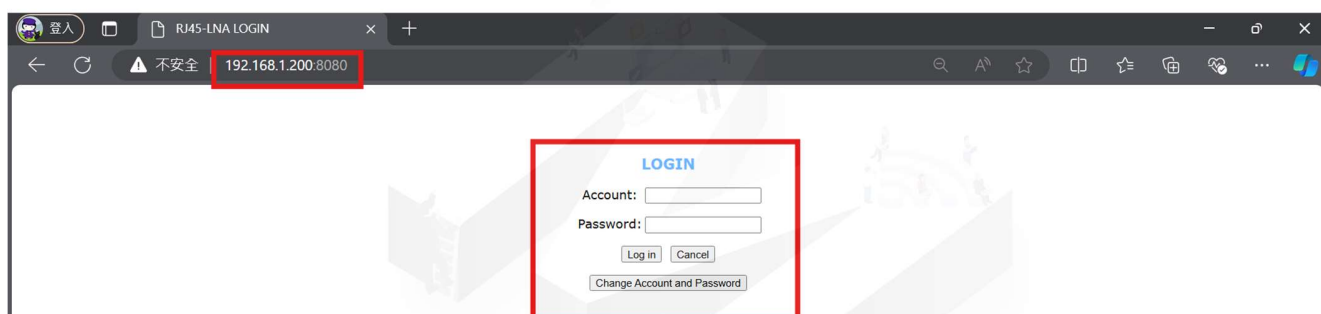


IP Setting

Default IP Address: **192.168.1.200:8080**

Account: **admin**

Password: **12345678**



1.Choose Ethernet section

2.Change IP Address 、Subnet Mask 、Gateway 、Port Number

3.Apply

Marvelous Microwave Inc.
Model Name: MSW-V Series

Status	Ethernet
Ethernet	IP Type: Static IP Address: 192.168.1.200 Subnet Mask: 255.255.255.0 Gateway: 192.168.1.1 Primary DNS Server: 114.114.114.114 Secondary DNS Server: 119.29.29.29 NTP Server: - Network Mode: TCP Network Protocol: Server Remote Server: - Port Number: 4001 Apply Cancel



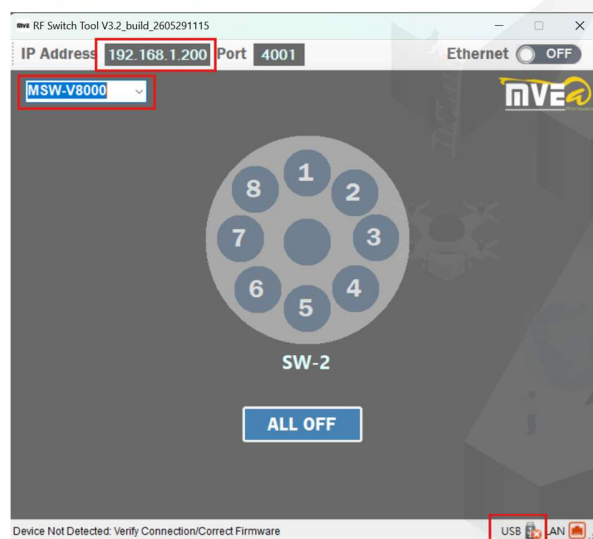
Switch Control Tool

	Switch Tool	Telnet
USB	O	X
Ethernet	O	O

Install RF Switch Tool



1.USB Control:



***If Unknown IP Address, Use USB Search IP Address With Switch Tool.**

2.Ethernet Control: (Toggle switch to right side to turn on ethernet function)



***The image is for reference only**