

Connect iPad and Android apps to SSP-8080

Introduction

The new iPad and Android apps can remote control Manson device through TCP/IP network. The SSP-8080 is the first Manson Power Supply provided Ethernet connection. This document describes how to connect iPad and Android apps to SSP-8080. Since the iPad and Android apps is using TCP as connection protocol, it needs to configure SSP-8080 network card to TCP.

Software and Applications

First of all, it needs Network card setup software (ZNetCom). It can be downloaded from the link, <http://www.manson.com.hk/products/detail/170>

The iPad app can be downloaded from link,
<https://itunes.apple.com/us/app/manson-power-supply-remote/id948174013?mt=8>

The Android app can be downloaded from link,
<https://play.google.com/store/apps/details?id=com.ysd.manson>

SSP-8080 network card Configuration

To configure network card for SSP-8080, install and run ZnetCom software. The default IP address of SSP-8080 is 192.168.0.178. Please setup your PC in same network segment. Please refer to SSP-8080 user manual for detail configuration.

SSP-8080 manual download link.

<http://www.manson.com.hk/getimage/index/action/images/name/53e840dd69171.pdf>

- After connected to SSP-8080, you can change IP address to your IP segment.
e.g. 192.168.1.100
- Then change work type to TCP and work port to any your preferred port.
e.g. 8001
- Then save the changes. You need password to save the change. The default password is 88888.
- After that, add SSP-8080 in iPad or Android apps with configured IP and port. e.g. 192.168.1.100:8001

General	
Module	IPort-1
Firmware Version	V1.08
Name	IPort
Password Operation	
Password	
Modify Password	No
New Password	
Confirm New Password	
IP Information	
IP	192.168.0.178
Mask	255.255.255.0
Gateway	192.168.0.1
MAC	00:14:97:06:B8:40
IP Type	Static
Network Settings	
DNS Server	192.168.0.1
Web Port	80
Command Port	3003
IP Filter 1	<input type="checkbox"/>
IP Filter 2	<input type="checkbox"/>
IP Filter 3	<input type="checkbox"/>
IP Filter 4	<input type="checkbox"/>
IP Filter 5	<input type="checkbox"/>
IP Filter 6	<input type="checkbox"/>
IP Filter 7	<input type="checkbox"/>
IP Filter 8	<input type="checkbox"/>

COM1 Settings	
Set the other COMs same with this.	
Work Type	UDP
Work Port	4001
Timeout to Disconnect	0
TCP Alive Check Time(s)	20
The First Byte of a Frame	<input type="checkbox"/>
The Last Byte of a Frame	<input type="checkbox"/>
Baudrate	9600
Data Bits	8
Stop Bits	1
Parity	None
Frame Length	500
Frame Interval(ms)	50
Clear COM Buffer	Never
TCP Turbo	Disable
TCP Disconnect	Keep Connection
TCP Connection Password	None
TCP Connection Info	None
TCP Connection Condition	None
TCP Connection Count	1
Function IO	TCP Link Status
Target Port 1	6008
Target IP 1	192.168.0.55
Target Port 2	6002
Target IP 2	0.0.0.0
Target Port 3	6003
Target IP 3	0.0.0.0
Target Port 4	6004
Target IP 4	0.0.0.0

Fig. 1, ZnetCom configuration interface