

# Firmware Upgrade instructions for SIDEKICK

Upgrading your Sidekick to version 3 requires connecting the Sidekick to your computer via an ethernet cable and uploading new firmware. To perform this please follow these instructions.

## Section 1

First you will need to download the latest firmware file from the website here:

### https://www.ocens.com/sidekick#Downloads

Look for the firmware upgrade file link and save it to the downloads folder on your computer.

# Section 2

Next you will need to configure your computers network settings:

### Windows 10:

- In the Windows search bar at the bottom of your screen type in Settings and select the Settings App
- Then choose the Network & Internet option
- On the left side menu select Ethernet
- Then on the Right select Change adapter options
- Double click on the Ethernet connection
- On the Status window that pops up click on Properties
- Click on the line Internet Protocol Version 4 and then click on Properties (note the settings here so that you can reset them when we are finished)
- Choose: Use the following IP address and enter the following:
  - IP address: 192.168.1.2
  - Subnet mask: 255.255.255.0
  - Default gateway: 192.168.1.1
- Then click OK
- You can leave these windows open as you will come back to them to reset the settings.
- <Proceed to section 3>



Internet Protocol Version 4 (TCP/IPv4) Properties		
General		
You can get IP settings assigned auton this capability. Otherwise, you need to for the appropriate IP settings.	ask your network administrator	
Use the following IP address:	,	
IP address:	192.168.1.2	
Subnet mask:	255.255.255.0	
Default gateway:	192.168.1.1	
Obtain DNS server address autom	natically	
• Use the following DNS server add	resses:	
Preferred DNS server:		
Alternate DNS server:		
Validate settings upon exit	Advanced	
	OK Cancel	

### Windows 11:

- In the Windows search bar at the bottom of your screen type in Settings and select the Settings App
- Then choose the Network & Internet option
- select the Ethernet option
- Click on "Edit" button in the IP assignment section
- Change the Edit IP Settings to Manual
- Turn on the IPv4 setting
- Enter the following:
  - o IP address: 192.168.1.2
  - o Subnet mask: 255.255.255.0
  - o Default gateway: 192.168.1.1
  - Preferred DNS: 0.0.0.0
- Click Save
- <Proceed to section 3>

Edit IP settings	> Ethernet
Manual ~	
IPv4	^
On	Edit
IP address	
192.168.1.2	Off
Subnet mask	determine this extends
255.255.255.0	data usage on this network
Gateway	
192.168.1.1	
Preferred DNS	Edit
0.0.0.0	
Preferred DNS encryption	
Unencrypted only ~	
Alternate DNS	Edit
Save Cancel	Сору

#### Mac:

- Open System Preferences
- Select Network
- Select your Ethernet connection from the menu on the left (make a note of the current settings so that you can return them to the previous settings after this upgrade)
- Set Configure IPv4 to: Manually and enter the following:
  - o Set IP Address: 192.168.1.2
  - Set Subnet Mask: 255.255.255.0
  - Set Router: 192.168.1.1
- Click Apply

#### Section 3

- Now connect the ethernet cable between the computer and the WAN port on the SIDEKICK.
- Press and hold Reset button down on the side of the Sidekick while connecting the power cable to the Sidekick.
- The red light will flash on 6 times release button after the sixth flash (notice the lights flash quickly for just a moment when this happens)
- Your Sidekick should now just have the green Wireless light on solid it is now in Firmware upgrade mode.

<ul> <li>Wi-Fi</li> <li>No IP Address</li> </ul>	ŝ	Status:	Cable Unplugged
Bluetooth PAN     Not Connected	*		Either the cable for Ethernet is not plugged i or the device at the other end is not responding.
Ethernet Not Connected	$\langle \cdots \rangle$	Configure IPv4:	Manually
FireWire	**	IP Address:	192.168.1.2
Not Connected		Subnet Mask:	255.255.255.0
<ul> <li>ThundeIt Bridg Not Connected</li> </ul>	۰۰>	Router:	192.168.1.1
		DNS Server:	
		Search Domains:	

# Section 4

On your computer:

- Open a web browser and enter the web address: 192.168.1.1
- If you get a "page not found" message, please review previous steps and start over.
- You will see a page allowing you to Select the firmware file that you have downloaded and then click Upgrade Firmware.
- Once the file is uploaded to the device (this happens quickly) it will take about 2 minutes for the upgrade to process in the Sidekick.

## Section 5

- You will know it is complete when the red Ready light and the green Wireless lights are on full time.
- You can verify by resetting your computer settings and then moving the ethernet cable from the **WAN** port to the **LAN** port on the Sidekick.
- You should be able to login to the Sidekick webpage by pointing your browser to 192.168.8.1.
- Pleases follow the login steps on the screen.
- Once you are at the main screen you can look in the lower right of the window to confirm the Firmware version number.



