

### Here is how simple it is to get on the Mesh...

# Go to HSMM-MESH website – Software Download page



# Save the proper file for your model

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		Vapor 🔂 Su	ccess 🧕 Radar 🌆 worldsstv 👜 FCC 💷 QRZ.COM names 🚸 LOTW	0.40Alpha
H Node K5KTF-100	nload 🔯 🔅			
HSMM-ME	SH™			
	Ne	ws		
			search	
Main Menu	Software Download			
<ul> <li>Home</li> <li>Web Links</li> <li>HSMM-MESH™ Forums</li> </ul>	Back to the HSMM-MESH website			
Just starting? Read this	HS	SMM-MES	SH firmware	
	hsmm-mesh-0.4.1-brcm.trx	2.8M	firmware for existing mesh nodes	
HSMM-MESH Info     Under Development	hsmm-mesh-0.4.1-usr5461.bin	2.8M	firmware for the usr5461	
User Documentation     Developer Documentation	hsmm-mesh-0.4.1-wa840g.bin	2.8M	firmware for the wa840g	
FAQ     HSMM files	hsmm-mesh-0.4.1-we800g.bin	2.8M	firmware for the we800g	
Learn about OLSR     Learn about Open WRT	hsmm-mesh-0.4.1-wr850g.bin	2.8M	firmware for the wr850g	
Learn about WRT54G     Learn about WRT54GL	hsmm-mesh-0.4.1-wrt150n.bin	2.8M	firmware for the wrt150n	
Learn about WRT54GS     Visual of a Mesh Network	hsmm-mesh-0.4.1-wrt300n v1.bin	2.8M	firmware for the wrt300n_v1	
	hsmm-mesh-0.4.1-wrt54g.bin	2.8M	firmware for the wrt54g and wrt54gl	
	hsmm-mesh-0.4.1-wrt54g3g.bin	2.8M	firmware for the wrt54g3g	
	hsmm-mesh-0.4.1-wrt54gs.bin	2.8M	firmware for the wrt54gs	
	hsmm-mesh-0.4.1-wrt54gs_v4.bin	2.8M	firmware for the wrt54gs_v4	
	hsmm-mesh-0.4.1-wrts154gs.bin	2.8M	firmware for the wrts154gs	
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If purchased used, push and hold the reset button on the back with a pen or similar object for 10 seconds



### Connect PC to router, boot PC, open favorite browser, and log in to router administration page (no username, pass: admin)



# Go to Administration page



## Go to firmware update tab, click browse and select the file you saved earlier



### **DO NOT** remove power while it is updating



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SF:112 A:4 K:2 SSN:88 🛛 🦇 🥝

# SUCCESS ! Router will reboot and become an HSMM-MESH node



# Need to refresh your computer's IP address. Click START and Run, type in CMD and hit OK

Run		<u>?</u> ×
5	Type the name of a program, folder, document, Internet resource, and Windows will open it for y	
Open:	_ cmd	•
	OK Cancel <u>B</u> ro	wse

### Type IPCONFIG /release <enter> and then IPCONFIG /renew <enter>. It should then show like the text in the yellow box below.

C:\WINNT\system32\cmd.exe	
C:\Documents and Settings\Administrator>ipconfig	
Windows 2000 IP Configuration	
Ethernet adapter Local Area Connection 2:	
Connection-specific DNS Suffix .: IP Address	
C:\Documents and Settings\Administrator>ipconfig /release	
Windows 2000 IP Configuration	
IP address successfully released for adapter "Local Area Connection 2"	
C:\Documents and Settings\Administrator>ipconfig /renew	
Windows 2000 IP Configuration	
Ethernet adapter Local Area Connection 2:	
Connection-specific DNS Suffix . austin.tx.us.mesh IP Address	
C:\Documents and Settings\Administrator>	
	-

# In your browser, go to http://localnode:8080.

#### It should show you a screen like below



# Click the SETUP button and login. The default is root and hsmm

9 HSMM-MESH Node NOCALL-236-68-179 - Mozilia Firefox	ناه	<u> </u>
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S 🕗 - C 🗙 🎧 🗋 http://localinode:8080/cgi-bin/status	🔁 🏠 👻 🔍 - Web Search	P
🕫 Mail 🛛 🖉 LCL2333 📋 LyngSat - Lyngemark 🌌 Shakers 🔜 50H0 🛐 Space.com 👯 VHF Propagation Map 🚾 Water Vapor 🚯 Success 🧕 Radar 🏭 worldsstv 👜 FCC 🛛	👼 QRZ.COM names 🛭 👌 LOTW 📄 0.40Alpha	>>
C Loading		~
NOCALL-236-68-179		
Help Refresh Setup Night Mode		
This node is not yet configured.		
Go to the setup page and set your node name and password.		
Click Save Changes, <u>even if you didn't make any changes</u> , then the node will reboot.		
WiFi/LAN address 172.27.0.1/24 firmware version 0.4.1 fe80:220:ffre00:01ink configuration not set		
Authentication Required		
A username and password are being requested by http://localnode:8080. The site says: "OpenWrt"		
User Name: 700		
Password: *****		
Vaiting for localnode	SF:112 A:4 K:2 S5N:88	9

# Minimally, you need to set the node name and change the password. Your callsign must be in the node name (like K5KTF-100). Click SAVE

🖏 NOCALL-236-68-179 setup - Mozilla Firefo				X
Eile Edit View History Bookmarks Tool:				
	/localnode:8080/cgi-bin/setup		• 公 • 🔍	
P	🜌 Shakers 🔜 SOHO 🔽 Space.com 뢌 VHF Propa	pagation Map 🚾 Water Vapor 🤼 Success 🧿 Rai	dar 🔢 worldsstv 👜 FCC 🌐 QRZ.COM names	
NOCALL-236-68-179 setup	*			
	Node Status Basic	c Setup Port Forwarding, DHCP, and Service ges Reset Values Default Values		
	Node Name NOC	CALL-236-68-179 Password		
	Node Type Mes	sh Node 💽 Verify Password		
	IP Address         10.236.68.179         IP           Netmask         255.0.0         Ne           SSID         HSMM-MESH         DE           Mode         Ad-Hoc         DE	Address         172.27.0.1         DJ           etmask         255.255.255.0         DJ           HCP Server         Im         Im	WAN rotocol DHCP NS 1 8.8.88 NS 2 8.8.44 Tesh Gateway	

SF:112 A:4 K:2 SSN:88 🛛 🦇 🤘

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Done

## When you click SAVE, it will reboot.



## After about 60 seconds, it will refresh and show the main status page





## Clicking MESH STATUS will show you any nodes it may be connected to.



### From the Main page, clicking the WIFI SCAN button will show you any other Wifi access points it may see

