

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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2333 🗋 LyngSat - Lyngemark 🜌 Shakers 🔜 St	OHO 🗕 Space.com 🗼 VHF Propagation Map 🚾 Water	Vapor 🔂 Su	cess 🧕 Radar 🌆 worldsstv 👜 FCC 🌐 QRZ.COM names 🚸 LOTW	/ 🗋 0.40Alpha
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HSMM-ME	SH™			
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Main Menu	Software Download			
Home Web Links HSMM-MESH™ Forums	Home 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	hsmm-mesh-0.4.1-usr5461.bin	2.8M	firmware for the usr5461	
User Documentation Development	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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			Powered by Joomfall valid XHTML ar	nd CSS.



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



www.HSMM-MESH.org

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	?	×
5	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.	
Open:	cmd 2	Ð
	OK Cancel Browse	4

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	<u>^</u>
Windows 2000 IP Configuration	
Ethernet adapter Local Area Connection 2:	
Connection-specific DNS Suffix .: IP Address: 192.168.1.100 Subnet Mask: 255.255.255.0 Default Gateway: 192.168.1.1	
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

BYHSMM-MESH Node NOCALL-236-68-179 - Mozilia Firefox		<u>- 8 ×</u>
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🎐 Mail 🔰 LCL2333 🗋 Lyng5at - Lyngemark 🌌 Shakers 🔜 SOHO 🔄 Space.com 👬 VHF Propagation Map 🚾 Water Vapor 🚯 Success 🧕 Radar 🏭 worldsstv 👜 FCC	🌐 QRZ.COM names 💠 LOTW 📄 0.40Alpha	**
🕆 Loading		~
NOCALL-236-68-179		
Help Refresh Setup Dight 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 fe80.200:fffe00.0 Link configuration not set		
Authentication Required		
A username and password are being requested by http://localnode:8080. The site says: "OpenWrt"		
Lier Manael 2003		
Backword: #+++		
OK. Cancel		
Waiting for localnode	SF:112 A:4 K:2 S5N:88	* 3

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 Firefi	x					
Elle Edit. View Higtory Bookmarks Iools Help						
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Mail MLCL2333 🗋 LyngSat - Lyngemark	. 🜌 Shakers 🔜 SOHO 🔽 Space.com 👯 VHF Propagation Map 🚾 Water Vapor 🚯 Success	s 🧿 Radar 🌆 worldsstv 📾 FCC 🌐 QRZ.COM names 🗳 LOTW 🗋 0.40Alpha 🛛 🔅 🔅				
NOCALL-236-68-179 setup						
	Node Status Basic Setup Port Forw DHCP, and Help Save Changes Reset Values Default V Node Name NOCALL-236-68-179 Pass Node Type Mesh Node Verify Pass	Administration Administration Values Reboot word word				
	WiFi LAN Protocol Static ILAN Mode NAT IP Address 10.236.68.179 IP Address 172.27.0.1 Netmask 255.0.0.0 Netmask 255.255.255.0 SSD HSMM-MESH DHCP Start DHCP Start Mode Ad-Hoc DHCP Start DHCP End Active Settings Diversity IT IT Rx Antenna Diversity IT IT Diversity It It It Distance 0 It It	WAN Protocol DHCP DNS 1 8.8.8.8 DNS 2 8.8.4 Mesh Gateway				
	Дрру					

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Done

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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

