

	Winstars Product Specifications		Version	A0		
			Page	1/1		
	Model	WS-WN551K3P-A WS-WN551K2P-A	Date	2018.2.6		
	Name	K3P: 3-Unit AC3000 Tri-Band Mesh WiFi Router and Extender Kit K3P: 2-Unit AC3000 Tri-Band Mesh WiFi Router and Extender Kit	Writer			
PICTURE WS-WN551K3P-A WS-WN551K2P-A		FEATURES				
 		• Free installation, automatic networking, easily fill the whole house with WiFi coverage. • Extensible to as many as 10 Mesh Satellites. • Powerful tri-band Mesh WiFi System distributes 100% Internet speed to the edge of your WiFi network at home, without signal degradation when the end device is moving around. • Mesh WiFi solution is built to connect with each other in a single network configuration. If one Node loses connection, the remaining units will reestablish Internet connection, automatically and seamlessly. • Mesh WiFi System chooses the fastest path for device connections and keeps your network running as fast as possible. • Complies with IEEE 802.11ac/a/n/g/b standards. • Simultaneous 5GHz 867Mbps+1733Mbps and 2.4GHz 400Mbps connections, total available bandwidth of 3000Mbps. • Built-in high-power amplifiers to provide extreme Wi-Fi coverage and penetration. • Patented omni-directional internal antennas: 6 x 7dBi 5G antennas + 2 x 5dBi 2.4G antennas providing even better wireless performance. • 3 x 10/100/1000Mbps Auto-Negotiation Gigabit Ethernet ports. • USB 2.0 Port - share files & media with networked devices • MU-MIMO technology communicates with several devices at once to speed up connections and reduce waiting time. • Tri-Band technology creates three separate Wi-Fi bands to connect more devices to your network without sacrificing performance. • TouchLink function can easily set up a separate and secure WiFi network for visitors and guests to use. • Easy setup assistant with multi-language support provides a quick & hassle-free installation process.				
TITLE						
AC3000 Tri-Band Whole Home Mesh WiFi System 2.4GHz 400Mbps and 5GHz 867Mbps+1733Mbps connections Supports 802.11ac/a/n/g/b standards TouchLink easy connection, no passwords required						
DESCRIPTION						
Whole-Home Mesh WiFi System for home networking, with it's multiple smart units, delivers data speeds up to 3000Mbps and provides seamless floor-to-floor roaming throughout your home. While signals of traditional individual router significantly decrease after crossing two or three walls, this Whole-Home Mesh WiFi System, a distributed wireless network, is interconnected and does not sacrifice signal strength and stability within a much larger area, which is highly-valued. It's a flexible system that can extend with your needs, you can add as to 10 satellites as you need. Each unit covers 2000-2500 sq ft, while the 3-unit kit covers 6000-7500 sq ft, and 2-unit kit covers 4000-5000 sq ft, depending on how you place them at your home.						
		PACKAGE CONTENT				
		WN551K2P: WN551K3P: 1 x Mesh Router 1 x Mesh Router 1 x Mesh Satellite 2 x Mesh Satellites 2 x Power Adapters 3 x Power Adapters 1 x RJ-45 Networking Cable 1 x RJ-45 Networking Cable 1 x Quick Installation 1 x Quick Installation				
SPECIFICATION						
Hardware		Router		Satellite		Wireless
Ports	1x10/100/1000Mbps WAN PORT 2 x10/100/1000Mbps LAN PORT 1xUSB 2.0		3x10/100/1000Mbps LAN PORT		Standard	IEEE 802.11b/g/n/a/ac
					Frequency band	2.4GHz, 5GHz,
Button	1 x Power On/Off, 1 x Reset, 1 x Pair Button, 1 x TouchLink				Transmit Power	2.4G: 20DBm, 5G: 28DBm MAX
LED	3 x 1000Mbps LAN/WAN, halo LED light around the cover				Sensitivity	802.11b: -93dBm /802.11g: -73dBm / 802.11n: -68dBm
Chipset	MT7621A+MT7615D+MT7615N				Speed	802.11ac: up to 1733Mbps + 867Mbps, 802.11n: up to 400Mbps
Flash	64Mb					802.11a: up to 54Mbps, 802.11g: 54Mbps 802.11b: 11Mbps
SDRAM	1Gmb				Wireless Security	WPA-PSK/ WPA2-PSK encryption
Power Supply	DC5V 4A				Antennas	2x5dBi 2G Detachable Omni Directiona+6x7dBi 5G Detachable Omni Directiona
Rated Voltage/ requency	input:100-240 Va.c. 50/60Hz				Distance	Outdoors 1000m, Indoor 300m(According to the actual environment change)
Dimensions			Software			
Unit Dimensions	119mm x 120mm x 197.6mm (L x W x H)		WAN Type		PPPoE, Dynamic IP, Static IP,WISP	
Environmental			DHCP Settings		Server, Client,	
Operating Temperature		0°C~40°C		USB Sharing		Support Samba(Storage)
Storage Temperature		-10~70°C		Function		Time Setting
Relative Humidity(Operational)		10%~90%,noncondensing				DHCP Server
Relative Humidity(Storage)		10%~90%,noncondensing				Wireless Setting