



Model	WK-R1800
Hardware Version	V1
Hardware Features	
Memory	RAM: 256MB Flash: 128MB
Interface	WAN: 1*Gigabit RJ45 Port LAN: 3*Gigabit RJ45 Ports
Max. Power Consumption	12W
Power Supply	DC 12V/1A
Button	MESH Button Reset Button (long press for 8 seconds to restore the factory default coniguration)
Wireless Features	
Standards	IEEE 802.11a/b/g/n/ac/ax
Max/ Recoomend Clients	90/ 50
Data Rates	2.4GHz: up to 574Mbps 5GHz: up to 1201Mbps
MIMO	2.4GHz: 2x2 MIMO 5GHz: 2x2 MIMO
Antenna	2.4GHz: 5dBi 5GHz: 5dBi
Frequency	2.4GHz: 2.4GHz ~ 2.484 GHz 5GHz: 5.150 ~ 5.850 GHz *Please follow national regulations to select the appropriate frequency.
Channel Width	20/40/80MHz
Max. TX power	2.4GHz: 23dBm 5GHz: 21dBm
Receiver Sensitivity	5 GHz: 11a 6Mbps:-95dBm, 11a 54Mbps:-77dBm 1ac VHT20_MCS8:-71dBm 11ac VHT40_MCS9:-66dBm 11ac VHT80_MCS9:-63dBm 11ax HE20_MCS11:-64dBm 11ax HE40_MCS11:-62dBm 11ax HE80_MCS11:-59dBm 2.4 GHz: 11g 6Mbps: -96 54Mbps: -80dBm 11n HT20-MCS7: -76dBm 11n HT40-MCS7: -73dBm
Software Features	
Operating Mode	Wireless Router, Access Point, Repeater, WISP
Advanced Applications	EasyMesh SD-LAN
WAN Type	Dynamic IP, Static IP, PPPoE
Protocols	IPv4, IPv6
DHCP	DHCP Server, DHCP Pool, DHCP, DHCP Lease, DNS Server, Host List
Routing	Routing Table, ARP Table
Wireless	Enable/disable SSID, Hide SSID, Wi-Fi Isolate Multiple SSID, Wireless Statistics Wi-Fi Multimedia (WMM)
Radio	Region Adjustment Channel Adjustment Bandwidth Adjustment Tx Power Adjustment Weak Signal Threshold Setting
Wireless Security	WPA-PSK(TKIP), WPA2-PSK(TKIP,CCMP), WPA2-PSK(CCMP), WPA2/PA3-PSK(CCMP,SAE), WPA3-PSK(SAE), WPA-Enterprise, WPA2-Enterprise
Port Forwarding	Port Mapping, DMZ
Access Control	Source/Destination IP Based Access Control, Wireless Blacklist/Whitelist
VPN Client	PPTP, L2TP
System	Scheduled Reboot Ping Watchdog Diagnostics : Ping, Traceroute Restore & Backup Firmware update via Web NTP Enable/disable ONVIF
Management	Support local management with web Support remote management with Wi-Tek Cloud platform and APP
Others	
Certification	CE, FCC, RoHS, UKCA, RCM
Product Dimension	195mm*140mm*25mm
Environment	Operating Temperature: -10°C~55°C(14°F~131°F) Storage Temperature: -40°C~70°C(-40°F~158°F) Operating Humidity: 10%~95% (non-condensing) Storage Humidity: 5%~95% (non-condensing)