



# BLU-CASTLE

Blu-Castle Confidential

## BCSKR6

Router Wi-Fi Mesh 2x2 + 2x2



## Interfaces

Ethernet	3*10/100/1000Mbps RJ45 Ports
Buttons	Power On/Off, Reset, WPS
Power Input	12VDC 1.5A
Flash	256MB
RAM	512MB
LEDs	One multi-color indicator

## Wireless

Standards	2.4GHz IEEE 802.11b/g/n/ax 5GHz: IEEE 802.11a/n/ac/ax WFA EasyMesh v2.0
MIMO	2.4GHz: 2x2 MU-MIMO 5GHz: 3x3:2 MU-MIMO
Data Rate	2.4GHz - 300Mbps(11n@40MHz) 573.5Mbps(11ax@40MHz) 5GHz - 867Mbps(11ac@80MHz) 1201Mbps(11ax@80MHz) 2402Mbps(11ax@160MHz)
Security	WEP, WPA/WPA2-PSK, WPA3
Features	Downlink & Uplink OFDMA MU-MIMO WMM, WPS 2.0 160MHz Channel Bandwidth Multiple SSID (Guest SSID) DFS Radar Detection Band Steering Wi-Fi Access Control
Antenna	4*3dBi Internal antennas

## Certifications

CE, RoHS, FCC, Wi-Fi Alliance

## Summary

# AIROHA EN7629

**AX3000**  
4x3 DBI WiFi Antennas

<b>2.4GHz</b> 574Mbps <b>2x2</b>	<b>5GHz</b> 2402Mbps <b>2x2</b>
<b>MUMIMO</b>	
<b>160MHz</b>	

**MEDIATEK**  
MT7916 + MT7976

**Upto 256MB** **Upto 512MB**

**x1** **x2**

**Easy Mesh** **TR-069**

## Software Features

Basic	PPPoE/DHCP/Static IP, DHCP server, DNS proxy, NAT/NAPT, NTP
Advanced	Port Forwarding/Trigger, ALG, DMZ, UPnP, DDNS, VPN Passthrough, Wi-Fi Scheduler
IPv6	IPv4/IPv6 Dual Stack, DS-lite
Security	SPI Firewall, Anti-DoS, ACL, IP/MAC/URL Filter, Parental Control, Wi-Fi access control
Multicast	IGMP v1/v2/v3 Snooping/Proxy, MLD v1/v2
Wi-Fi Mesh	EasyMesh v2 Compliant Plug & Play EasyInstallation Auto Configuration Seamless Roaming Wired and Wireless Backhaul
Management	TR069, TR098, TR181, TR111 Web GUI (http/https), Telnet/SSH Mobile APP, Cloud Upgrade

## Physical

Temperature	Operating: 0 ~ 45°C Storage: -20 ~ 65°C
Rel.Humidity	Operating: 5% ~ 95% (non-condensing)
Dimensions	75*130*178 (mm)
Net Weight	400g (device only)
Housing	Color White or Black

## Packaging

1x Mesh Router  
1x Power Adapter, 12VDC  
1x Ethernet Cable, CAT5e  
1x Quick Installation Guide