RAY R6A-C

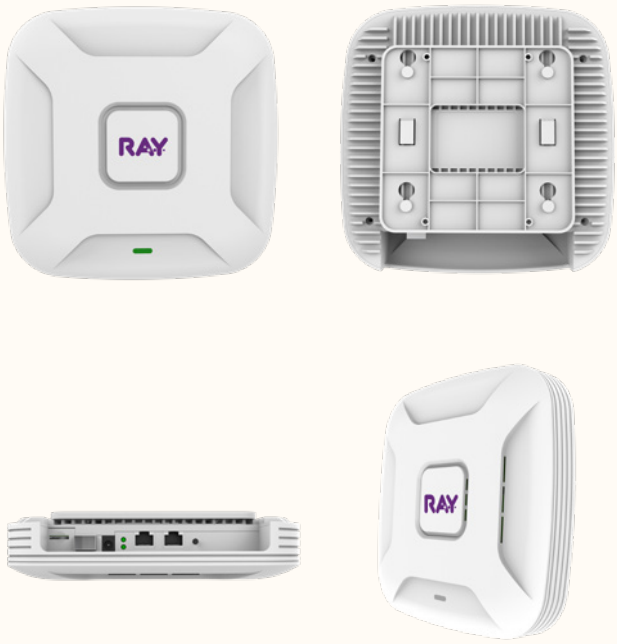
Cloud-managed 2x2:2 Wi-Fi 6 (802.11ax) access point

High Density for Indoor Use Case

Powered by Ray ONE

HIGHLIGHTS

- **Wi-Fi 6 driven High-Performance**
- **Pocket friendly, helps in lowering the TCO.**
- **2-stream UL/DL MU-MIMO**
- **802.11ax up to 1.8 Gbps dual aggregate frame rate**
- **Two Gigabit Ethernet port, 802.3af PoE compatible**
- **Dynamic Segmentation and policy-enforcement firewalls**



SPECIFICATIONS	R6A-C	R6B-C
AP Type	Indoor, Ceiling/Wall Mounted High-Performance Access Point	Indoor, Ceiling/Wall Mounted Ultra High-Performance Access Point
MIMO	2x2 SU-MIMO 2x2 MU-MIMO	4x4 SU-MIMO 4x4 MU-MIMO
Max Aggregate frame rate	Max aggregate frame rate: 1.8 Gbps 2.4GHz: 591 Mbps 5GHz: 1238 Mbps	Max aggregate frame rate: 3.6 Gbps 2.4GHz: 1,182 Mbps 5GHz: 2,475 Mbps
LAN Ports	1 x 10/100/1000 BASE-T Ethernet (RJ45) PoE 1x 100/1000/2.5G BASE-T Ethernet (RJ45) LLDP	1 x 10/100/1000 BASE-T Ethernet (RJ45) PoE 1x10/100/1000 BASE-T Ethernet (RJ45)
Wi-fi 6	General Purpose Fits Most Indoor Use Cases	High-Density Outdoor Use Case Ultra-High Performance

Note: Antenna will be delivered with the Product.

RAY ONE

Services
- RAY Essential
- RAY Premium

Products
- Edge Gateway
- Switch
- Wi-Fi
- Sase

Centralized Management
- Orchestration
- Integration
- Automation

Security driven Networking
- SD-Wan
- Firewall
- HSIA
- Multiwan

Ray OS
- Linux Networking
- Multiple Interfaces
- Hardware

- Appliance
- Virtual

Ray One is a Next Generation Solution for the challenges of today.

Ray One powers Unified Networking and Security across Networks, endpoints, and clouds in a purpose-built cloud-delivered infrastructure that scales.

It employs concepts of convergence to consolidate multiple point products including Cloud SWG, NG CASB, FWaaS, SD-WAN and ADEM, into a single integrated service provide comprehensive cybersecurity protection for all users, devices, and applications and across all network edges. It reduces network and security complexity while increasing organizational agility and ensuring compliance, emphasizes interoperability as well as analytics, intelligence, centralized management, and automation, and integrates with a broad ecosystem of technologies and vendors.

What sets One Apart and distinguished is that it has a network wide visibility with a single pane of glass dashboard and control. Security comes in seamless with automatic firmware updates as well as automatic reporting. One has a unique feature of Self-provisioning for rapid deployment. One being cloud based consists of Cloud based RF Planning. Built-In spectrum analysis as well as Dual- Concurrent radios with band steering come in as features that set apart RF Planning with ONE.

As you will see further all features described in detail for Ray One, we would still like to highlight a couple of features that makes it Secured.

Ray One powered Edge Gateways, Switches and Wireless (Wi-Fi) devices are available to deploy on any network edge.

FEATURES

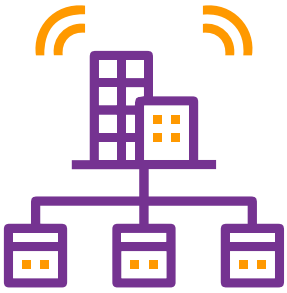
Adaption for changing business dynamics to address modern requirements funnel downs to Network Architecture. Today Ray is being managed and delivered through cloud which enhances features like scalability, speed and flexibility. Enterprises with Ray are able to leverage powerful automated, zero touch, delivering on demand and a proactive business approach. One Features help the enterprise to make intelligent decisions that adhere business goals and objectives.

Secure SD-WAN

Ray One powers extremely Secure & Advanced SD-WAN with top-tier features like Application Identification & Control, Application-aware traffic control, and Performance Optimization Helping you enable remote working through a secure Access Client & ZTNA. Automatically optimize routing and rerouting of traffic based on WAN Link performance (latency, jitter, loss) in real time with zero impact.

Advance Networking

Ray One powers the most advanced and Secure enterprise-grade networking technology available for NAT, routing, and bridging across all the Edges even empowering Hybrid workforce. It includes Advance routing, Dual Stack Support, static, OSPF, BGP, and RIP with full 802.1Q VLAN support, Multicast, QOS Enablement and Traffic Classification and control amongst others.



Security

Ray One keeps the Enterprise secure even from Ransomware, Malware and even Zero Day threats through high-performance streaming deep packet inspection, next-gen IPS, web protection, DNS Filters, and app control. The powerful Enterprise policies help create Trust Zones in the Network. Ray One enables fast, coordinated detection and enforcement across the entire attack surface to counter the latest known and unknown threats in real time. The threat research is unified data sets feeding from networks, endpoints, and clouds, rich independent research, and comprehensive industry collaboration.

FEATURES

Cloud Architecture

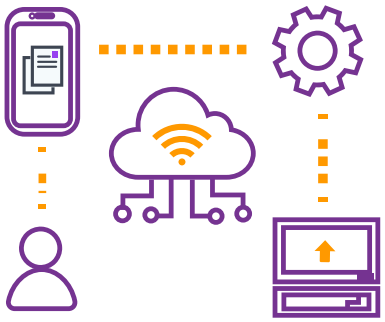
Ray Always One Cloud is Microservices bring unparalleled agility, scale, resiliency. Ray makes it easy to add or remove new features by leveraging a microservices cloud architecture. New enhancements and bug fixes are delivered almost weekly without network disruption. Services scale up or down elastically when they're needed, eliminating the cost and complexityc of monolithic hardware.

HSIA (Captive Portal)

Ray One powers 9 kinds of Captive Portal and Guest onboarding flows with advance features like WYSIWYG, Advertisement Server, Survey engine, Payment Gateway along, Multi Language support etc. The Wi-Fi Monetization makes Ray revenue centre for the enterprise. Guest Analytics helps to make data driven business decisions that help growth and revenue.

WAN Suite

Ray One powered Link Bonding taps into the bandwidth of multiple WAN sources to provide a single bonded data-pipe that enables higher speed and resiliency whilst being economical, fast, and easily configurable to suit any networking environment.



Dimensions & Interfaces

AP Name	
R6A-C	
WI-FI	
Wi-Fi Standards	802.11 ax/ac/b/g/n
AP Type	Indoor, dual radio, 5GHz and 2.4GHz 802.11ax 2x2 MIMO
MIMO	› 2x2 SU-MIMO › 2x2 MU-MIMO
802.11ax, 802.11ac Wave 2 and 802.11n Capabilities	› DL-OFDMA, UL-OFDMA, TWT support, BSS Coloring › 2 x 2 multiple input, multiple output (MIMO) with two spatial streams › SU-MIMO, UL MU-MIMO** and DL MU-MIMO support › Maximal ratio combining (MRC) & beamforming › 20 and 40 MHz channels (802.11n); 20, 40, and 80 MHz channels (802.11ac Wave 2); 20, 40 and 80 MHz channels (802.11ax) › Up to 1024-QAM on both 2.4 GHz & 5 GHz bands › Packet aggregation: A-MPDU, A-MSDU
Radio 2.4GHz	Two spatial stream Single User (SU) MIMO for up to 591 Mbps wireless data rate with individual 2SS HE40 (HE20) 802.11ax client devices or with two 1SS HE40 (HE20) 802.11ax MU-MIMO capable client devices simultaneously
Radio 5GHz	Two spatial stream Single User (SU) MIMO for up to 1.2Gbps wireless data rate with individual 2SS HE80 802.11ax client devices, or with two 1SS HE80 802.11ax MU-MIMO capable client devices simultaneously
BLE	2.4 GHz Bluetooth® Low Energy (BLE 5.1) radio with Beacon and BLE scanning support
Max aggregate frame rate	› Max aggregate frame rate: 1.8 Gbps › 2.4GHz: 591 Mbps › 5GHz: 1238 Mbps
Supported Data Rates (Mbps)	› 802.11b: 1, 2, 5.5, 11 › 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 › 802.11n: 6.5 to 300 (MCS0 to MCS15, HT20 to HT40), 400 with 256-QAM › 802.11ac: 6.5 to 867 (MCS0 to MCS9, NSS = 1 to 2, VHT20 to VHT80), 1,083 with 1024-QAM › 802.11ax (2.4GHz): 3.6 to 574 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE40)

Supported frequency bands	› Software enabled country-specific restrictions apply › 2.412-2.484 GHz › 5.150-5.250 GHz (UNII-1) › 5.250-5.350 GHZ (UNII-2) › 5.470-5.600, 5.660-5.725 GHz (UNII-2e) › 5.725 -5.825 GHz (UNII-3)
Supported Channels	› Available channels dependent on configured regulatory domain › 2.4GHz: 1-13 › 5GHz: 36-64, 100-144, 149-165 › Dynamic frequency selection (DFS) › optimizes the use of available RF spectrum
Supported Radio Technologies	› 802.11b: Direct-sequence spread-spectrum (DSSS) › 802.11a/g/n/ac: Orthogonal frequency-division multiplexing (OFDM) › 802.11ax: Orthogonal frequency-division multiple access (OFDMA) with up to 16 resource units (RU)
Supported Modulation Types	› 802.11b: BPSK, QPSK, CCK › 802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM › 802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM › 802.11ax: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM
Radio Chains and Spatial Streams	› 2x2:2 streams SU/MU MIMO 5GHz › 2x2:2 streams SU/MU MIMO 2.4GHz
Channelization/ PHY Types	› 802.11n high-throughput (HT) support: HT 20/40 › 802.11ac very high throughput (VHT) support: VHT 20/40/80 › 802.11ax high efficiency (HE) support:
Wireless Authentication	› WEP, WPA, WPA2-PSK, WPA3 - Personal, WPA3 - Enterprise, WPA3 - Enhanced Open (OWE) › Dynamic PSK › EAP-TLS, EAP-TTLS, EAP-MSCHAPv2, EAP-SIM › IEEE 802.1X based Authentications
Advance Features	› Advanced Cellular Coexistence (ACC) minimizes interference from cellular networks › Maximum ratio combining (MRC) for improved receiver performance › Cyclic delay/shift diversity (CDD/CSD) to enable the use of multiple transmit antennas › Short guard interval for 20-MHz, 40-MHz, and 80-MHz › Space-time block coding (STBC) for increased range and improved reception › Low-density parity check (LDPC) for high-efficiency error correction and increased throughput › Transmit beam-forming (TxBF) for increased signal reliability and range
Beamforming	Transmit Beamforming and Maximal Ratio Combining

Band Steering	Band steering for 5 GHz clients to connect over 5Ghz Radio to provide better load balancing among 2.4Ghz and 5Ghz Radios.
Beaconing	› Transmit Only › Transmit/Receive (Attached Devices) › Transmit/Receive (Unattached Devices)
Roaming/Mobility	› Support for IEEE 802.11r or Fast BSS Transition (FT) › Centralized Layer 3 roaming › Seamless Roaming for Captive Portal users › Resolves sticky client issue for Wi-Fi 5, Wi-Fi-6

MODE	
Standalone	› Public Cloud Managed › Private Cloud Managed

RADIO RESOURCE MANAGEMENT	
RF Management	Dynamic RF management to detect and mitigate interference from Wi-Fi there by giving optimum performance to the wireless users
Wi-Fi Channel Management	Automatic Channel Selection by Intelligent Radio Resource Management (iRRM)
Wi-Fi Radio Power Management	Optimum Power management by Intelligent Radio Resource Management (iRRM) to reduce interference and coverage hole detection
Wi-Fi QOS	Self-healing (on detection of RF interference or loss of RF coverage).

ANTENNA	
Antenna (Included in Box)	› 2.4GHz omni-directional antennas with 4dBi peak gain › 5GHz omni-directional antennas with 4dBi peak gain

WIRELESS SECURITY	

Wireless Security	› Real-time WIDS/WIPS with instant alerting
	› Classify Types of Rogue AP
	  › WLAN-Spoofing
	  › Same-Network
	  › MAC-spoofing

MESH	
SON based Mesh	› Self-configuring › Self-defending › Self-healing › Self-managing

WI-FI OFFLOAD
› Passpoint Wi-Fi (Release 2) (Hotspot 2.0) for Seamless cellular-to-Wi-Fi › Access Network Discovery and Selection Function (ANDSF) Integration

RADIO MANAGEMENT	
Antenna Optimization	Polarization Diversity with Maximal Ratio Combining (PDMRC)
Client Density Management	Client Load Balancing distribute clients to the least loaded 802.11 channel and AP
Airtime Fairness	Enhance general client performance

POWER	
Peak Transmit Power (Tx port/chain + Combining gain)	› Limited by local regulatory requirements › 2.4 GHz band: +20 dBm (18dBm per chain) › 5 GHz band: +19 dBm (18 dBm per chain) › Note: conducted transmit power levels exclude antenna gain.
Transmit power	Configurable in increments of 0.5 dBm
Maximum EIRP (2.4 GHz band)	› Limited by local regulatory requirements › 2.4 GHz band: › 565: 29.2 dBm EIRP › 567: 33 dBm EIRP
Maximum EIRP (5 GHz band:)	› Limited by local regulatory requirements › 5 GHz band: › 565: 31.4 dBm EIRP › 567: 32.7 dBm EIRP

NMS INTEGRATION
SNMP support

PERFORMANCE	
Maximum number of associated client devices	› Up to 256 associated client devices per radio › Up to 512 clients per AP
Maximum number of BSSIDs	› 16 BSSIDs per radio › Up to 31 per AP

NETWORKING	
IP	IPv4, IPv6, dual stack
VLAN	› 802.1Q (1 per BSSID or dynamic per user › based on RADIUS) › VLAN Pooling › Port-based
802.1x	Authenticator & Supplicant
Tunnel	› L2TP › GRE/EoGRE › Openvpn › L2TP/IPSEC
Policy Management Tools	Application Recognition and Control › Access Control Lists › Device Fingerprinting › Rate Limiting › Integrated Layer 7 firewall with mobile device › policy management › Flexible guest access with device isolation

Quality of Service	› WMM Access Categories with DSCP and 802.1p support › QoS-based scheduling › Directed Multicast › L2/L3/L4 ACLs
Modes	› Gateway Mode › Bridge & Firewall › Bridge No Firewall
External Authentication	› Authentication via Radius › Authentication via LDAP › Authentication via Single Sign-On (SSO) › Authentication via Active Directory (AD)
Radius	› Radius Option 82 Support
Tunnel	› L2TP › GRE/EoGRE › Openvpn › L2TP/IPSEC › PPTP › Wireguard/SSL

L3 Features	Routing Protocols: › Static unicast routes › Equal cost multipath routing (ECMP) RIP v1/v2 › OSPF › BGP4+ VRRP › Generic routing encapsulation (GRE) › Standard 802.1d Spanning Tree Protocol › Network Address Translation (NAT) › Dynamic Host Configuration Protocol (DHCP) › server, relay, and client › Access control lists (ACLs) › IPv4 and IPv6 Multicast

SD-WAN	
Topology Support	Hub & Spoke Topology Mesh Topology
Multi-WAN Support	Link Failover Link Balancing Link Bonding/Aggregation
Application Aware	Application based Routing Application Priority

NETWORK SECURITY

- Integrated Layer 7 firewall with mobile device policy management
- Flexible guest access with device isolation
- VLAN tagging (802.1q) and tunneling with IPsec VPN
- Secure Boot, runtime defences/image signing/integrity verification, and hardware authenticity.
- PCI compliance reporting
- IP filtering policies or ACL
- Device Profiling & VLAN mapping
- L2 Isolation, ARP Blocking
- DDoS Detection
- Anti-Malware, Anti-Phishing and Anti-SPAM Engines.

ENTERPRISE POLICY

Enterprise Policies (Applicable Per User/ Group/SSID)	› Time Policy to Control the Access Time › Speed Policy to Control Upload/Download Bandwidth › Device Policy to control Device Type › Quota Policy to control Time or Volume Usage › Concurrency Policy to control simultaneous user login › Application Policy to control L7 Policy › Web Categorization Policy to control browsing by Category › DNS Filter Policy to filter DNS requests

QUALITY OF SERVICE (QOS)

- Advanced Power Save (U-APSD)
- WMM Access Categories with DSCP and 802.1p support
- Layer 7 application traffic identification, prioritization & shaping Per SSID/Group/User
- QoS configuration for applications based on categories.
- 802.11e WMM Support

GUEST CAPTIVE PORTAL

Guest Captive Portal Authentication Modes	› Click To Login › Voucher › Username & Password › SMS OTP › Email OTP › Custom Survey › Social Media › Advertisement › Payment Gateway
Survey Engine	› Create Custom Survey with the below Questions › Short Answer › Long Answer › Email ID › Phone Number › Star Rating › Smiley Rating › Dropdown › Radio Button › Multi Select
Advertisement Engine	› Display Picture or Video Advertisements Per Venue › Display Statistics, Clicks, Views, Revenue generated per Venue/Advertisement
PMS Integration	Oracle Opera PMS and Fidelio Suite8 PMS (IFC Part Number 5009-313)

FIRMWARE

- Flash Security Updates (No Reboot Required)
- Cloud Managed Firmware Updates

PHYSICAL INTERFACES

Ethernet (WAN)	› 1x 10/100/1000 BASE-T Ethernet (RJ45) › Power over Ethernet (802.3af/at) with Category 5/5e/6 cable PD. › · LLDP › Auto-sensing link speed and MDI/MDX › 802.3az Energy Efficient Ethernet (EEE)
Ethernet (LAN)	1 x 10/100/1000 BASE-T Ethernet (RJ45) LLDP
Reset Button	Reset to the factory default settings
Indicators	One multi-color status LED
DC Power	1x DC power connector

DIMENSIONS

Physical Size	› L=207 › B=208 › H=46.2
Weight	0.8 Kg

MOUNTING

› Mounts to walls and Ceilings
› All standard mounting hardware included

ENVIRONMENTAL

Operating temperature	0°C to +50°C / +32°F to +122°F
Humidity	5%~95% non-condensing Internal
Storage Temperature	-40° C to +70° C (-40° F to +158° F)
Storage Humidity	5%~95% non-condensing Internal

POWER

Maximum (worst-case) power consumption:	16.5W
Maximum (worst case) power consumption in idle mode:	6.1W
Maximum (worst case) power consumption in deep-sleep mode:	3.3W Power sources sold separately
802.3at PoE+	16.5W
Power over Ethernet (PoE+):	802.3at-compliant

RELIABILITY

Mean Time Between Failure (MTBF): 1,315,612 hrs at +25°C operating temperature

CONTROLLER

Public Cloud	Ray ONE hosted on Public Cloud
Private Cloud	Ray ONE hosted on Private Cloud/Data-center

REGULATORY COMPLIANCE

› CE Marked
› For more country-specific regulatory information and approvals, please see your Ray representative.

WARRANTY

› As per the purchased SKU

BOX CONTENTS

› Standard Mounting Kit
› Ethernet Cable
› Quick Start Guide

SPECIFICATIONS

2.4GHZ RECEIVE SENSITIVITY (dBm)							
HT20		**HT40**		**VHT20**		**VHT40**	
MCS0	MCS7	MCS0	MCS7	MCS0	MCS11	MCS0	MCS11
-92	-72dBm	-90dBm	-71dBm	-93dBm	-63dBm	-91dBm	-60dBm

5GHZ RECEIVE SENSITIVITY (dBm)					
HT20		**HT40**			
MCS0	MCS7	MCS0	MCS7		
-93dBm	-75dBm	-91dBm	-72dBm		
VHT20		**VHT40**		**VHT80**	
MCS0	MCS11	MCS0	MCS11	MCS0	MCS9
-93dBm	-74dBm	-91dBm	-72dBm	-88dBm	-62dBm
HE20		**HE40**		**HE80**	
MCS0	MCS11	MCS0	MCS11	MCS0	MCS11
-93dBm	-63dBm	-90dBm	-60dBm	-87dBm	-56dBm

2.4 GHZ RF Power		
MCS0	HT20	23±1dBm
MCS7	HT20	22±1dBm
MCS0	HT40	22±1dBm
MCS7	HT40	21±1dBm
MCS0	HE20	21±1dBm
MCS11	HE20	20±1dBm
MCS0	HE40	20±1dBm
MCS11	HE40	19±1dBm

5 GHZ RF Power		
MCS0	HT20	23±1dBm
MCS7	HT20	22±1dBm
MCS0	HT40	22±1dBm
MCS7	HT40	21±1dBm
MCS0	VHT20	22±1dBm
MCS9	VHT20	21±1dBm
MCS0	VHT40	22±1dBm
MCS9	VHT40	20±1dBm
MCS0	VHT80	20±1dBm
MCS9	VHT80	19±1dBm
MCS0	HE20	21±1dBm
MCS11	HE20	20±1dBm
MCS0	HE40	20±1dBm
MCS11	HE40	19±1dBm
MCS0	HE80	19±1dBm
MCS11	HE80	18±1dBm

SUBSCRIPTIONS

ESSENTIAL	CONNECT	PROTECT	TOTAL
Cloud Subscription	Cloud Subscription	Cloud Subscription	Cloud Subscription
Essential Support	Essential Support	Essential Support	Essential Support
L3 Networking	L3 Networking	L3 Networking	L3 Networking
RRM	RRM	RRM	RRM
WAN Suite	WAN Suite	WAN Suite	WAN Suite
	SD-WAN	SD-WAN	SD-WAN
	SASE	SASE	SASE
		Network & Web Protection	Network & Web Protection
		Captive Portal	Captive Portal
			EYE
			INSIGHTS
			VIGIL
12 Months (Renewal required)	12 Months (Renewal required)	12 Months (Renewal required)	12 Months (Renewal required)
36 Months (Renewal required)	36 Months (Renewal required)	36 Months (Renewal required)	36 Months (Renewal required)
60 Months (Essential Lifetime)	60 Months (Essential Lifetime)	60 Months (Essential Lifetime)	60 Months (Essential Lifetime)

HARDWARE WARRANTY

Essential Hardware Warranty	Premium Hardware Warranty
Available for 1,3 & 5 Years	Available for 1,3 & 5 Years
Return & Replace Warranty	Advance Replacement with NBD Shipping

SOFTWARE SUPPORT

Essential Software Support	Premium Software Support
Available for 1,3 & 5 Years	Available for 1,3 & 5 Years
Support time 8*5	Support time 24*7
Email Support	Email Support
Web Support	Web Support
Chat Support	Chat Support

For More details on warranty visit: www.ray.life

What is included in the box

1. R6A-C
2. Mount Plate
3. Screws
4. Ethernet Cable

1. R6A-O

2. Mount Plate

3. Screws

4. Ethernet Cable

ORDERING MECHANISM

R6A-C Hardware		
SKU	**Product Name**	**Description**
RWHCC0N070	**R6A-C Wi-Fi 6 Ceiling Wireless Access Point**	› Wi-Fi 6 (802.11 AX) Indoor/Ceiling Wireless Access Point › 1800 Mbps › 2x2 MIMO › 1 x 1G (WAN, PoE) › 1 x 1G (LAN)

R6A-C Hardware Support		
RWWSC0N254	**R6A-C Essential Hardware Warranty (12 Months)**	R6A-C Essential Hardware Warranty (12 Months) Return & Replace Hardware Warranty
RWWSC6N254	**R6A-C Essential Hardware Warranty (36 Months)**	R6A-C Essential Hardware Warranty (36 Months) Return & Replace Hardware Warranty
RWWSC8N254	**R6A-C Essential Hardware Warranty (60 Months)**	R6A-C Essential Hardware Warranty (60 Months) Return & Replace Hardware Warranty
RWWSC4N255	**R6A-C Premium Hardware Warranty (12 Months)**	R6A-C Premium Hardware Warranty (12 Months) Advance Replacement with NBD Ship
RWWSC6N255	**R6A-C Premium Hardware Warranty (36 Months)**	R6A-C Premium Hardware Warranty (36 Months) Advance Replacement with NBD Ship
RWWSC8N255	**R6A-C Premium Hardware Warranty (60 Months)**	R6A-C Premium Hardware Warranty (60 Months) Advance Replacement with NBD Ship

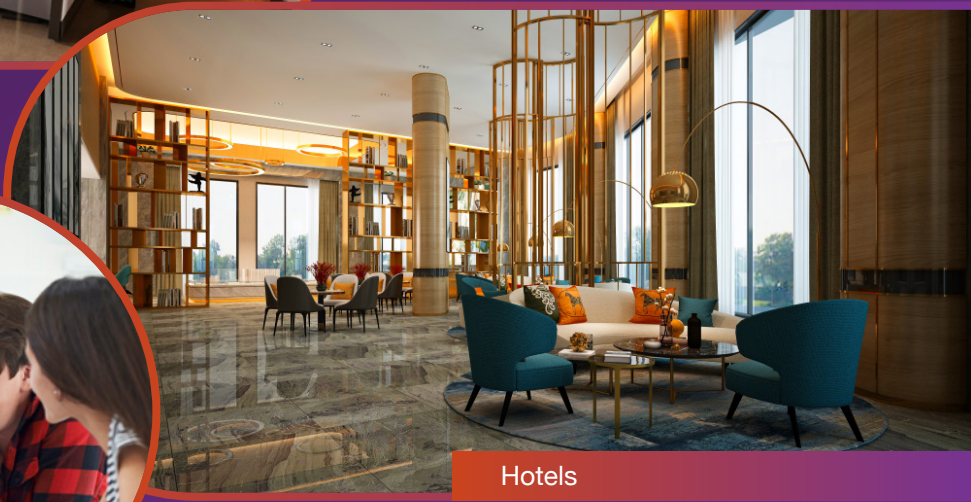
R6A-C Subscription Plans		
RWHSC4N176	**R6A-C Essential Subscription for 12 Months**	› R6A-C Essential Subscription for 12 Months Includes › Cloud Subscription › Essential Support › L3 Networking › RRM
RWHSC6N176	**R6A-C Essential Subscription for 36 Months**	
RWHSC8N176	**R6A-C Essential Subscription for 60 Months**	
RWASC4N236	**R6A-C Connect Subscription 12 Months**	› R6A-C Connect Subscription for 12 Months Includes › Cloud Subscription › Essential Support › L3 Networking › RRM › WAN Suite › SD-WAN › SASE
RWASC6N236	**R6A-C Connect Subscription for 36 Months**	
RWASC8N236	**R6A-C Connect Subscription for 60 Months**	
RWHSC4N177	**R6A-C Protect Subscription for 12 Months**	
RWHSC6N177	**R6A-C Protect Subscription for 36 Months**	
RWHSC8N177	**R6A-C Protect Subscription for 60 Months**	
RWHSC4N197	**R6A-C Total Subscription for 12 Months**	› R6A-C Total Subscription for 12 Months › Cloud Subscription › Essential Support › L3 Networking › RRM › Network & Web Protection › Captive Portal › WAN Suite › SD-WAN › SASE › EYE › Insights › Vigil
RWHSC6N197	**R6A-C Total Subscription for 36 Months**	
RWHSC8N197	**R6A-C Total Subscription for 60 Months**	

USE CASES

Corporate Offices

Hospitals

Schools



Hotels

Malls

CASE STUDIES

NPL Ltd.

Aljamea-tus-Saifiyah has numerous students enrolling every year and studying for their 11-year long course. The place is a boarding plus an educational institute for these students where the need of internet cannot go unnoticed. They need good Wi-Fi connectivity in such a big campus, with a wide expanse.

The Aljamea-tus-Saifiyah needed internet coverage for the campus that is spread over 12 acres, consisting of 18 buildings that is 900,000 ft square of carpet area. The campus includes indoor and outdoor spaces along with residential areas for men & women for over 1000 students.

They are using Ray R6A-C as their indoor access point and R6A-O as their outdoor access point along with the advanced features of Ray that aid in superior internet experience.

1. Ray R6A – O Outdoor Wi-Fi access point provides coverage all along the 'Radiant Axis', across covered walkways, corridors and bridges along with the gardens.

2. Ray R6A – C Indoor Wi-Fi access point provides coverage in all indoor places like the masjid, large ceremonial hall (Iwan), dining hall (Mawaid), kitchen, library, Mahad al-Zahra (Quranic institute), auditorium, classroom buildings, administrative and maintenance facilities, and the male & female residential areas.

3. The student's and teacher's first-time login are verified against the student database. The consequent login is done via the device's MAC address, without the hassle of remembering credentials to login.

4. Ray's Content Policy filter objectionable (inappropriate) content. E.g.: P2P, Porn, criminal sites, etc.

5. Limited internet and different speed limits are to be given to different people, which differ from whether you are a student or a teacher in that campus. So, Ray's Speed and Quota policies are assigned accordingly.

6. Guests and visiting faculties join the network post the BYOD approved by the IT admin.

Ray's embedded security protects the network by filtering Malware, Ransomware and Spam.

Our Clients

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RAY