

HiveRadar Rapid Deployment Kit (RDK) Portable Cellular Wireless Gateway

Introducing the all-new HiveRadar Rapid Deployment Kit (RDK): an all-in-one portable cellular wireless gateway.

- Designed for seamless wireless connectivity regardless of location
- Includes all deployment components inside the case
- Integrates an extendable carbon fiber pole up on the case for up to 12 feet height
- 14-hour battery runtime when powered over PoE+
- Dual 5G SIM slot with automatic failover
- WAN interface for primary or secondary traffic backhaul with Starlink or any other internet connection
- Router mounts atop the carbon fiber pole to enhance signal acquisition and wireless coverage
- No ongoing support subscriptions



Reliable Field Operations: Even in locations beyond cellular reach, the RDK can be paired with alternative backhaul solutions like Starlink to ensure your project site is always connected. It's the ideal choice for maintaining consistent communication critical to safety and productivity, no matter the environment.



Optimized Connectivity: Enhance your gatherings with the RDK's superior wireless reach, ensuring continuous connection for attendees, staff, and media, even in remote locations.



Streamlined Operations Anywhere: The RDK ensures unyielding wireless connectivity for both bustling construction sites and dynamic on-the-go broadcasting environments. It supports seamless communication that is critical for safety, coordination, and real-time reporting, whether updating construction progress or delivering live news and film feeds. This network reliability helps maintain productivity and broadcast continuity, no matter the location.



RDK Kit Specifications

Case Dimensions:

L22" (55.8cm) x W14"(35.5cm) x H9"(22.8cm)

Ethernet Cables:

Custom braided CAT7 cable - 12ft (3.66m)

PowerPack:

100wh LiFePo4 HR EnergyBar Battery

AP Input Power Source:

PoE+ or DC*

Stability:

2 Articulating Stabilizer legs

Optional Items:

AirTag Holder

Shoulder Strap

TSA Latch

Backpack attachment

Spare battery from HR power pack

Battery tray for Ventev/ AccelTex battery

Run Time:

PoE+ - up to 14 hours

DC* - up to 22 hours

AP Max Mounting Height:

12 ft (365.7cm)

Mounting Scenario:

Universal Pole Mount



Internet



Cell Tower
(5G/ 4G/ LTE)



Starlink



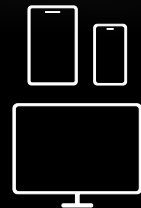
RDK



HiveRadar Cellular
Wireless Gateway



Wi-Fi Hotspots



Cellular Wireless Gateway Specifications

WAN Interface:

1x 10/100/1000 BASE-T Ethernet

1x Embedded 5G Modem

LAN Interface:

1x 10/100/1000 BASE-T Ethernet

Wi-Fi Interface:

802.11 a/b/p/g/n/ac wave2

Antennas:

3 x 5G Omnidirectional Antennas

2 x Wi-Fi Omnidirectional Antennas

Subscription:

No Ongoing Support

Subscriptions Required

Sim Card Slot:

Dual Nano-SIM Cards**

Download Speed***:

5G NSA: 3.4 Gbps

5G SA: 2.4 Gbps

Upload Speed:

5G NSA: 550 Mbps

5G SA: 900 Mbps

Recommended Max Concurrent

Wi-Fi Clients: 129

Power Input:

802.3at PoE+ (WAN or LAN Interface)

DC 12V 1.5~2.0A

Temperature (non-condensing):

Working: -30 to +70°C

Storage: -40 to +85°C

Firewall:

Port forwarding, custom rules, MAC filter

Cellular Wireless Gateway IP Rating:

IP67 waterproof enclosure

Wi-Fi Network:

SSID, Guest Wi-Fi, WPA-PSK, WPA2-PSK,

WPA-PSK/WPA2-PSK Mixed Mode

Management:

Web UI interface

SSH

Remote Management via Cloud Proxy

*- For DC power contact us

**- Sim Cards have to be prior activated with data allowance. Canadian data plans available

***- Performance ratings are subject to variations based on your internet service provider's speeds and the specific plan you have subscribed to. Actual speeds may vary.