

RDK 2.0

SATCOM-POWERED RAPID DEPLOYMENT KIT

RDK 2.0, powered by the innovative Starlink Mini, redefines critical communications with its advanced capabilities. This compact terminal, equipped with WiFi 5 technology, supports up to 128 devices. Engineered for complete autonomy, RDK 2.0 features built-in batteries, allowing uninterrupted operation without reliance on external power sources. For mobile connectivity, a car kit is available upon request, enabling communications-on-the-move (COTM).

Seamlessly integrated into IEC Telecom's advanced network management ecosystem, RDK 2.0 provides unmatched control and support. Technical teams can perform remote maintenance and troubleshooting while end-users retain full visibility and control over their onboard network through the intuitive OptiView interface. RDK 2.0 is a dependable connectivity companion, engineered for flexibility, efficiency, and convenience.

FEATURES



High-speed,
low latency



Advanced network
management



Car kit for mobile connectivity
(optional)



Portable
(carry-on size)



WiFi5



Autonomous Use
(two power banks)

SPECIFICATIONS

CASE

Weight: less than 9kg

Dimensions: 472 x 421 x 219 mm

ANTENNA

Type: Electronic phased array, software-assisted manual orientation

Dimensions: 79 x 334 x 430 mm

Weight: 1.10 kg; 1.16 kg (with kickstand)

Environmental Rating: IP67 Type 4

Field of View: 110°

Input: 12 – 48V, 60W

POWER BANKS

Capacity: 27,650 Mah x 2 power banks

Output: 250 W

PERFORMANCE AND ENVIRONMENT

Operating Temperature: -30°C to 50°C

Wind Rating: 96 kph+

Snow Melt Capability: Up to 25 mm/hr

CONNECTIVITY

High-speed: over 100 Mbps

Low Latency: 26 ms on average

WiFi: 802.11 a/b/g/n/ac

Radio: Dual Band – 3x3 MU-MIMO

Security: WPA2

Range: Up to 112 m²

Ethernet LAN Port: Includes Starlink Plug

USB PD Requirement: 100W, 20V/5A

Device Connections: Up to 128 devices

POWER CONSUMPTION

Power Usage: 16 – 40W

ACCESSORIES

Starlink power cable: 15m to AC

Starlink AC charger

Starlink power cable: 3m USB C 60-100W

1 x AC/DC charger (cigarette lighter – USB C)

Optional: Ethernet cable

Optional: Rapid Battery Charger

Hard carrying case, easy to transport

OPTIVIEW

Access advanced network management via OptiView dashboard:

- Substitution Management
- Usage Details Report
- Credit Limit Control
- Advanced Filtration and more



USE CASES

CRITICAL OPERATIONS

RDK 2.0 is ideal for critical operations, providing rapid internet access for humanitarian teams and first responders. Its quick deployment ensures seamless communication while command centres maintain real-time visibility of team movements and can relay urgent updates instantly, enabling efficient and coordinated emergency responses.

ENTERPRISE

RDK 2.0 supports enterprises in maintaining seamless operations at remote or temporary sites. By enabling efficient communication, remote monitoring, and uninterrupted workflows, it ensures project teams can collaborate effectively and meet deadlines, even in locations with minimal infrastructure.

PUBLIC SERVICES

RDK 2.0 enables public programmes, such as mobile clinics, legal advisory services, and banking, to reach underserved communities. With reliable on-the-go connectivity, governmental initiatives and critical support can be delivered equally to all, regardless of location.

