



NOVA R9

2.5GHz 10W (40dBm)

3.5GHz 10W (40dBm)

High Power. Maximum Range.

Baicells introduces the Nova R9 Base Station – the most economical LTE solution. This device is plug and play; set up and deploy this device to an existing network by simply connecting the power and Ethernet ports. Manage it with an intuitive OAM platform as the Nova R9 continues to optimize the network with SON technology.

Packs a Punch

At under 25 pounds, the 10W Nova is about the same weight as our competitors' 1W base stations. Yet, it still allows license holders the ability to maximize their coverage. Like all Novas, the 10W is built to IP67 standards.

GPS Synchronization

The Nova R9 uses GPS synchronization to reduce frequency interference with other base stations. This increases the data throughput and allows for frequency reuse.

Scalable & Flexible

The Nova R9 is plug-and-play and utilizes our innovative cloud EPC with SON technology, which provides you with a scalable and flexible method to control your CPEs.

Interoperability

Based on LTE standards with a marketing leading price, this Nova model is an ideal solution for operators to profitably extend their licensed coverage in rural areas regardless of population density.

Technical Specifications

Voice Service: CSFBNoL TE

Backhaul: Ethernet (Gigabit)

Traffic Management: LIPA/SIPT function

Network Connection Security: IPsec

OAM Protocol: DSL Forum TR-069

Smart SON with Plug & Play support 3GPP Version: R9

Frequency Bands: 41 | Band 42/43

Duplex Mode: TDD

Channel Bandwidth: 10MHz/20MHz

Max TX Power: 2*1w

MIMO: DL 2*2 MIMO

Synchronization: GPS. OTA

Capacity: 32 Active / 96 Connected

Antenna: Connectorized for external antenna

Installation: Outdoor

Operating Temperature Range: -40°C to 55°C/40°F to 131 °F

Environmental: IP67

Power Supply: 1DC 48V adapter

Power Consumption: <190W

Dimensions(LxWxD): 17" x 9.4" x 5.5" (43cm x 23.8cm x 14cm)

Weight: < 24 lbs (11 kg)

Port View



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