



NOVA 10W



High Power. Maximum Range.

Baicells introduces the Nova 10W LTE base station: the lightest high-power LTE base station on the market. The 10W Nova allows EBS/BRS band 41 license holders to economically extend coverage even where subscriber density is low. Like all Baicells Nova base stations, the Nova 10W is plug & play. Manage it with an intuitive OAM platform as the Nova 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.

Cost Efficient

Low price and uncompromising performance. The Baicells Nova 10W is half the cost of competitive 10W base stations, while extending subscriber reach in lightly populated markets and providing full LTE capabilities for fixed or mobile networks.

Interoperability

Like all Baicells Nova base stations, the Nova 10W is completely standards-based. Get the most out of your licensed spectrum by economically connecting more customers with this ideal, flexible base station

Scalable & Flexible

The Nova 10W utilizes our innovative cloud EPC with SON technology, which provides you with a scalable and flexible method to control your CPEs. This base station can be paired with either outdoor or indoor CPEs for high-density close range applications, such as apartment complexes, campuses, and office buildings.

Technical Specifications

Voice Service: CSFB & VoLTE

Network Interfaces: (x2) 1G Ethernet

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

Signal Strength & Frequency: 2.5GHz / 40dBm
3.5GHz / 40dBm

Duplex Mode: TDD

Channel Bandwidth: 10MHz / 20MHz

Max TX Power: 2*10W

MIMO: DL 2*2 MIMO

Synchronization: GPS, OTA

Capacity: 96 Active

Antenna: Connectorized for external antenna

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

Environmental: IP67

Power Supply: 100-240V AC/DC 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

