

## NOVA-243 SERIES ENODEB

Baicells Nova-243 series is an outdoor LTE TDD eNodeB with 2\*10 watts output power. It is a low cost and easy-to-install eNodeB, which integrates frequency radio unit and baseband in one box, minimizing location requirements. It can help operators to provide greater coverage and higher capacity with minimal effort, realizing data access for wireless broadband (WBB) and mobile broadband (MBB) networks.



## HIGHLIGHTS

- Integrated design, lower power consumption, flexible backhaul with any IP based backhaul.
- Excellent Non-Line-Of-Sight (NLOS) coverage performance, 30dBi higher than Wi-Fi.
- Plug-and-play with SON capabilities without extra SON servers.
- Supports eGW for S1 aggregation, local traffic offload and charging function coordinating with eGW.
- Supports local traffic offload and charging with both integrated Local Gateway (LGW) and external eGW.
- Supports efficient remote configure, monitor and maintain operations with Baicells network management system (NMS) BaiOMC.
- Smooth evolution to C-RAN architecture.



Item	Nova-243 TDD Outdoor eNodeB
LTE Mode	TDD
Frequency Bands	38/39/40/41/42/48 and bands customization
Channel Bandwidth	5/10/15/20 MHz
MAX Output Power	40dBm/Ant
MIMO	DL: 2 x 2
Peak Rate	DL: 110 Mbps, UL: 28 Mbps
User Capacity	96 concurrent users
Antenna	External high-gain antenna
Synchronization	GPS, 1588 V2
Dimensions	440mm (H) x 240mm (W) x 140mm (D)
Weight	12kg
Backhaul	1 Optical (SFP) and 1 RJ-45 Ethernet interface (1 GE)