Integrated High-Power
Base Station Product Introduction

Product Overview

The integrated high-power base station integrates BBU and RU,featuring high-power wide coverage,easy deployment and low operation and maintenance costs.
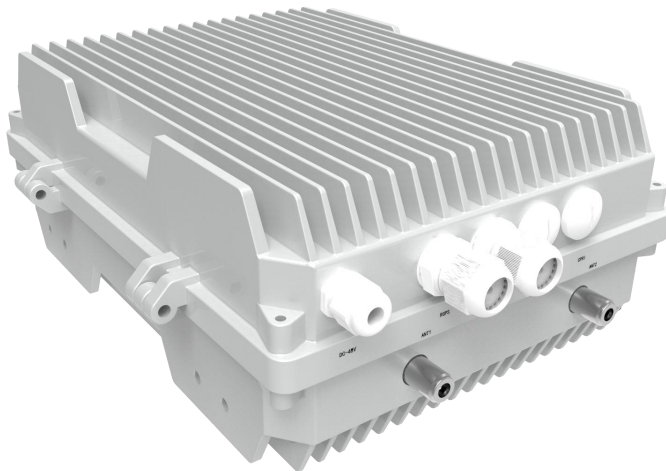
Technical Features

- ✓ Highly integrated design
- ✓ High-power radio frequency capability
- ✓ High reliability and environmental adaptability
- ✓ Intelligent management
- ✓ Support MIMO

Application Scenarios

- ✓ Wide-area coverage scenarios, such as remote villages, transportation trunk lines, etc.

- ✓ Large venues/exhibition centers

- ✓ Emergency communication scenarios

- ✓ Industrial Internet scenarios
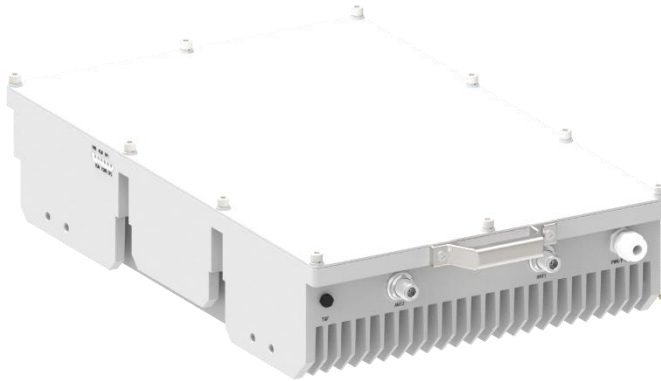
Product Specifications

LTE Integrated 2*37dBm/2*46dBm/2*47.8dBm

Integrated 2*37dBm/2*46dBm/2*47.8dBm	
Band	B1/B3/B5/B8/B28/B7
Carrier bandwidth	5/10/15/20 MHz
Nominal output rower	2*37dBm/2*46dBm/2*47.8dBm
Peak rate	DL/150Mbps；UL/75Mbps (FDD,20MHz/carrier BW)
User No.	Supports 64 access users, 32 service users
Synchronous mode	RGPS，1588；±0.01ppm
ANT	2*N-K
Backhaul interface	1*RJ45 GE；1*SFP+ GE
EVM	QPSK < 17.5%，16QAM < 12.5%，64QAM < 5%
Sensitivity	≤-100dBm/ANT(FDD LTE:3GPP TS 36.141)
ACLR	≤-45dBc
VSWR	≤1.5
Temp/Humidity	-40℃ ~ +55℃；10% ~ 90%
IP rating	IP65
Power consumption	≤120W(2*37dBm) ≤400W(2*46dBm) ≤550W(2*47.8dBm)
Power supply mode	AC 220V or DC 48V
Dimension (L*W*H)	≤316mm*223mm*133mm(2*37dBm) ≤380mm*280mm*160mm(2*46dBm) ≤450mm*315mm*181mm(2*47.8dBm)
Weight	< 11.8kg(2*37dBm); ≤12.5kg(2*46dBm); < 18kg(2*47.8dBm)
Installation	Wall mounted, pole mounted

Product Specifications

NR Integrated 2*46dBm

Integrated 2*46dBm	
Band	N28/N1
Carrier bandwidth	10/20/30/40 MHz
Nominal output power	2*46dBm
Peak Rate	DL/200Mbps；UL/100Mbps (FDD,20MHz/carrier BW)
User No.	Supports 400 access users, 200 service users
Synchronous mode	RGPS，1588；±0.01ppm
ANT	2*N-K
Backhaul interface	1*SFP+ 10GE
EVM	QPSK < 17.5%，16QAM < 12.5%, 64QAM < 5%，256QAM < 3.5%
Sensitivity	≤-103dBm/ANT(FDD NR:3GPP TS 38.141)
ACLR	≤-45dBc
VSWR	≤1.5
Temp/Humidity	-40℃ ~ +55℃；10% ~ 90%
IP rating	IP65
Power consumption	≤400W
Power supply mode	AC 220V or DC 48V
Dimension （L*W*H)	≤470mm*330mm*107.5mm
Weight	≤18kg
Installation	Wall mounted, pole mounted