



# AirPole 1000/1200/1300/2100

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Airspan's AirPole family is an LTE-A (FDD or TDD) outdoor small cell with a wireless backhaul connection, and is used where wireline backhaul is not available or not feasible.

It can be mounted on walls and poles. AirPole is composed of an eNB for access, and a standard high-performance UE relay for wireless backhaul. Instead of connecting to the EPC via wireline backhaul, the eNB is connected directly to the UE relay, and the UE relay is connected via a standard LTE wireless connection to a different cellular cell, known as the Donor eNB. Effectively, AirPole is an eNB to its users, and a UE to the Donor eNB. AirPole supports time and frequency synchronization via the Donor eNB.



## AirPole 1000/1200/1300/2100 eNB (Access) Specifications

3GPP Compliance:	Release 10+
Operational Frequency Bands:	3, 41, 48
Duplex:	FDD or TDD
MIMO:	4 x 4
Max Channel BW:	20 MHz
Max Throughput (FDD):	300/100 Mbps
Max Throughput (TDD):	240 Mbps
Max Total TX Power:	4x26 dBm
Synchronization:	Donor eNB

\* Bands are customized per carrier

## Backhaul Options

AirPole 1000:	Ethernet
AirPole 1200:	LTE UE Relay
AirPole 1300:	DOCSIS
AirPole 2100:	60 GHz

## Physical Specifications:

Dimensions:	420 x 200 x 200 mm
Unit Weight:	5.5 Kg
Power Source:	AC 100~240V, 50/60Hz
Power Consumption:	< 70W
Operating Temperature Range:	-40°C to +55°C