

High Power and Versatile CBRS, Outdoor, 4G LTE-A Base Station

The AirHarmony 4200 is part of Airspan's carrier-class, LTE Advanced small cell, eNodeB family. It is a Mini-Macro class product that supports 3GPP's latest LTE eNodeB specifications, provides high-speed data, mobility, Voice over LTE, and broadcast/multicast services in order to meet the demands of the LTE fixed and Mobile Carriers.

Plug and Play

Experience full functionality, out-of-the-box to fully operational, within 20 minutes.

CAT B CBRS

47 dBm EIRP per 10 MHz, capable for 10MHz or 20MHz; 2 carrier with full band, 150MHz IBW

Flexible Deployments

CAT B EIRP for omni antennas for 2 carriers or single/dual sector for panel antennas.

Multiple Backhaul Options

Backhaul options include multiple fiber/copper interfaces, including PoE output for supporting wireless backhaul.

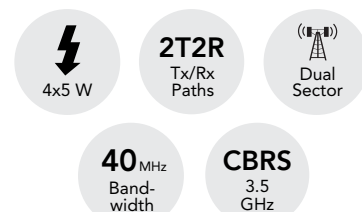
Released 10-LTE Advanced

Release 10 feature sets include support for SON and eICIC, which enable N=1 frequency reuse.

Network Planning with SON

Self-Organizing Network (SON) features enable complete integration of eNodeB's including Automatic Neighbor Relations(ANR) and Auto-PCI.

Need more information? Get in touch with the Airspan sales team by visiting airspan.com/contact.



Technical Specifications

- **Part Number:**
HAR42-CN-U48-B06DP
- **Operating Band:**
Band 48 (3.550–3.700 GHz)
- **Duplex:**
TDD
- **Max Channel Bandwidth:**
Up to 2x 20 MHz with Carrier Aggregation
- **Max Tx Power:**
Up to +40 dBm per Tx Channel
- **Port Configuration:**
2T2R x 2
4.1–9.5 DIN Female
- **Antenna Configuration:**
Single Sector: Omni or Panel, X-Polar
Dual Sector: Panel, X-Polar (not included)
- **Data Interfaces:**
2 x Fiber Optic (via SFP)
2 x Copper with PoE
- **Unit Dimensions:**
509 mm (w) x 236 mm (l) x 210 mm (h)
20.0 in (w) x 9.3 in (l) x 8.3 in (h)
- **Unit Weight:**
20 kg (44 lbs)
- **Power:**
48VDC
- **Power Consumption:**
265 W
- **Operating Temperature:**
-40°C to 55°C
-40°F to 130°F
- **IP Rating:**
IP66
- **Synchronization:**
GNSS (GPS)
- **Safety:**
Conforms to:
IEC 60950
UL 60950
EN 60950-1:2006
EN 60950-22:2006
EN 50385:2002
EN 50401:2006



Airspan is a multi-award winning 4G and 5G network densification solution provider with an expansive product portfolio of indoor and outdoor, compact Femto, Pico, Micro and Macro base stations—the perfect tool kit to exploit the full potential of technologies such as mmWave, Sub 6GHz, Massive MIMO and open V-RAN architectures, as well as an industry leading fixed wireless access and backhaul solution portfolio for PTP and PTMP applications.

