

# Next Generation Indoor Small Cell With Integrated Wireless Backhaul

AirDensity is an LTE (FDD or TDD) indoor small cell with a wireless backhaul connection, and is used where wireline backhaul is not available or not feasible. It is a free-standing enclosure, and can be placed in any suitable indoor location. It 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 to the UE relay via a cable, and the UE relay is wirelessly connected to the Doner eNB.

## Plug n Play and SON

Automatically self-install and self-configure for rapid deployment.

## Integrated AC/DC

Integrated AC/DC converter simplifies installations.

## Integrated Backhaul

AirDensity reduces costs by eliminating the need for local backhaul.

## Low Cost Rapid Deployment

Removes the cost for permits, site rental, power and professional installations, thus enabling operators to rapidly deploy at scale at a fraction of the costs compared to traditional small cell deployments.

## Modern Design

Small form factor and modern design suitable for the modern environment.

## Network Utilisation

Improves Macro network utilization by improving user links.

## Improved Coverage and Speed

Dramatically improves coverage and speed for wireless customers, particularly indoors where the majority of wireless traffic occurs, without expensive macro upgrades.



Need more information? Get in touch with the Airspan sales team by visiting [airspan.com/contact](http://airspan.com/contact).