

# LTE eNodeB Pico

Compact and Versatile

## OVERVIEW

VNL's LTE Pico is a compact, power-efficient, all-in-one system with superior radio performance, designed for local area radio applications. It has an evolving radio portfolio that allows flexibility to support a wide range of scenarios, enabling quick and efficient radio installations.

### Self Organising Network (SON)

- SON can self-configure, self-connect, self-heal and self-optimize
- Supports do-it-yourself (DIY) installations, operations & maintenance

### Covers a variety of deployments:

- **Remote Enterprises** like mines, off-shore oil fields, shipping yards etc
- **Remote Communities** situated in difficult terrain, isolated islands, high altitude etc
- **Public Safety Agencies** in need of rapid emergency response

## BENEFITS

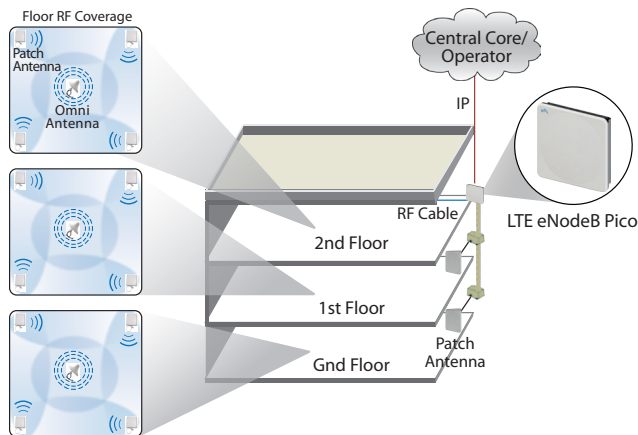
- Low CAPEX, Low OPEX
- Do it yourself (DIY)
- Indoor, self-contained unit



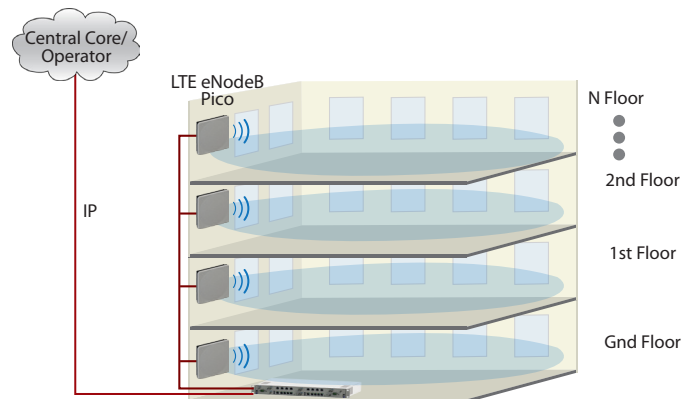
LTE eNodeB Pico

## BASIC FEATURES

- *Mobility Management*
- *High Speed Data*
- *Voice - CSFB, VoLTE*
- *Video - ViLTE*
- *SMS*
- *Network Security*
- *Location Services*
- *2x2 MIMO*



Typical eNodeB Pico Indoor deployment



Typical eNodeB Pico Indoor deployment

**Related Products:** LTE eNodeB MRBS-W2, LTE eNodeB MRBS-W10, LTE eNodeB MRBS-W20

# LTE eNodeB Pico

## SPECIFICATIONS

GENERAL	
Type	Self Contained Indoor Unit
RADIO	
Flexible Channel Bandwidth	5, 10, 15, 20 MHz
Bands	All 3GPP LTE Bands - TDD and FDD
MIMO	2x2
Max Output Power	2 x 200 mW
FEATURES	
O&M	TR069 / Web
SON	Yes
Synchronisation	IEEE 1588 v2 (Optional: GPS / GLONASS through External Antenna)
PHYSICAL INTERFACES	
Antenna Ports	2x SMA Connector
Integrated Antenna	Optional
Backhaul Port	RJ45: 1000BaseT
LED Indicator	1
Network Scan Port	SMA-Female
Earthing Point	1
MECHANICAL	
Dimensions (HxWxD)	260 x 260 x 40 mm
Weight	3 kgs
Mounting	Wall and Ceiling Mount Options
ELECTRICAL	
Power Supply	-48 / +48V DC (PoE Optional)
Typical Power Consumption	35W
ENVIRONMENTAL	
Operating Temperature	-0 °C to +45 °C
Environment	Indoor Class with IP20

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## CORPORATE HEADQUARTERS

**Vihaan Networks Limited**  
VNL, 21-B, Sector 18, Udyog Vihar  
Gurgaon 122 015, Haryana, INDIA  
Tel +91 124 265 7600  
[www.vnl.in](http://www.vnl.in)

