

UT-IND-2N1

Indoor AP 2x2 MIMO Datasheet

Uriel
Technologies



Key Features

Carrier WiFi "N" Standards Based High Performance 2x2MIMO Indoor Access Point

Optimized Design to Fit All Interiors

The UT-IND-2N1 is High Performance Carrier WiFi 802.11n standards based indoor access point with inbuilt 2.4 GHz (2x2) MIMO radio and integrated antennas.

SHELL design to fit into any interior environment. Enclosures are available in colors of white, light grey, sky blue or light pink. Other color options can be produced having minimum order of 50pcs.

2x Gigabit Ethernet ports, one passive POE port, DC jack provide many powering options for network operators.

Units can be used as last mile application to distribute FTTH or FTTB fiber capacity.

Mounting of units can be on wall, ceiling and pole or conveniently placed on table or shelf.

Units can be configured to operate in standalone mode or integrated controller mode and can manage up to 50 other units in the network. For city wide networks external cloud based controller is available allowing easy management, configuration and controlling of the networks.

Data rates - up to 300 Mbps per access point.

UT-IND-2N1 - Carrier Grade standard product.

Up to 128

*Concurrent
Clients*

High Performance

Internal Antennas

Multiple SSID (8)

MIMO 2x2

802.11n

Up to 300 Mbps

Unique Design

Easy to Deploy



Technical Specifications

Wireless	
Standards	IEEE 802.11 b/g/n
Mode	MIMO 2x2
Radio Frequency	2.402 – 2.484 GHz (country dependant)
Transmit Power	2.4 GHz 28dBm @ MCS0
Channel Size	20 / 40 MHz
Modulations	802.11 g/n: OFDM (64-QAM, 16-QAM, QPSK, BPSK) 802.11 b: DSS (CCK, DQPSK, DBPSK)
Data Rates	802.11 n @ 40 MHz: 300, 270, 240, 180, 120, 90, 60, 30 Mbps 802.11 g @ 20 MHz: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11 b @ 20 MHz: 11, 5.5, 2, 1 Mbps
Duplexing Scheme	Time division duplex
Wireless Security	WPA/WPA2 Personal, WPA/WPA2 Enterprise, WACL, Hotspot (UAM)
Antenna	
Type	Internal 2 x Omni-directional antennas 2.4 GHz: 3 dBi
Interface	3 x 10/100BaseT (RJ-45)
Networking	
Operating mode	Bridge, router IPv4 and IPv6
Management IPv4	Static, dynamic
Management IPv6	Static, dynamic stateless, dynamic stateful
Secondary IPv4	Supported
VLAN	802.1Q for management and data
Virtual SSID	8 per each radio
Client isolation	Supported
Services	SNMP server, NTP client
Power	Standard set includes: passive PoE (24V); additional 24V DC input Optional: 802.3af with passive PoE (48V) support; additional 48V DC input
Requirements	100 – 240 VAC to 24 VDC
Max Power Consumption	6.3 W
Management	
System Monitoring	SNMP v1, syslog
Physical	
Dimensions	177mm x 167mm x 40mm
Mounting Possibilities	Table / Wall / Ceiling / Pole
Humidity (Non-condensing)	0% ~ 95% Typical
Temperature range	-40°C to +55°C

