TECHNOXEN
THE TECHNOLOGY XPERT

Indoor Wireless
Product guide

- Indoor Access Point
- Centralized Management Solution

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About Us

The first and only manufacturing set up of wireless and green power equipments in Middle East and Africa Region.

OTAi is committed to deliver always-on-reliable enterprise scale wireless infrastructure for Voice, Data and Video traffic and impervious to interference and harsh environmental conditions from -20° to +80°.

OTAi's enterprise scale wireless solutions are robust, feature rich and cost effective. It can be easily scaled / upgraded to all future requirements of any organization.

The resilient products provide Point to Point, Point to Multi-Point and Any Point to Any Point Enterprise WAN connectivity used for enhancement of Public Safety Networks, secure long distance Enterprise connectivity between multiple locations. Organizations such as Governments, SME, Oil Fields, Defense, Telecom & Wireless Internet Service Providers, Schools, College Campus, Hotels, Hospitals, Airports, Coffee Shops, Warehouse etc can be connected over wireless to their central database for increase efficiency.

OTAi's is the leading last mile solutions provider using OFDM based 802.11a/g, 802.11-N and 802.16 Wi-max technologies to suit the most harsh environment and capable of delivering long distance Point to Point, Point to Multi-Point networks.

Enterprise Wireless Connectivity

Communication over IP (data networking) for high speed Voice, Data & Video has become a major part of today's business. Seamless wireless connectivity across the enterprise has always been a feather to any organization which allows real time connectivity and usage from a centralized database.

The demand for this connectivity is always on the rise even during recession, thereby protecting the organizations ROI and bottom-line.

Our solution are

- Extremely smart, comprehensive and cost effective.
- Fully customized design for best efficiency even in harsh environmental conditions.
- Enterprise outdoor long distance Point to Point & Point to Multi-Point connectivity.
- Enterprise Wi-Fi solution for Villas, Hotels, Institutes, Hospitals, ISP's, SMB etc..
- Solar power solutions to back remote installations.

Seamless Wireless Network
Without Controller

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Enterprise Mesh AP/CPE

Features

- L3 Mesh Technology
- Seamless Roaming (single SSID)
- Full QoS With Traffic Shaping
- Captive Portal & Hotspot Billing
- Upto 8 SSID With Different IP Range
- Radius Ready With Captive Portal
- GUI, Telnet, SSH
- Watchdog Timer
- OSLR & Static Routing
- Multiple VLAN Tagging

Specifications

Frequency	2.400 - 2.484GHz
Antenna	5dBi OMNI Antenna
Standards	IEEE 802.11b/g/n
Power	12V Passive PoE, DC Jack Input 12V/ 1Amp
Data	(10/100 Base T) 1xWAN / LAN port,1 LAN port PoE
Speed	150Mbps
Dimension	152 x 23 x 102 mm

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Ceiling Access Point

Enterprise Mesh AP/CPE

Features

- L3 Mesh Technology
- Seamless Roaming (single SSID)
- Full QoS With Traffic Shaping
- Captive Portal & Hotspot Billing
- Upto 8 SSID With Different IP Range
- Radius Ready With Captive Portal
- GUI, Telnet, SSH
- Watchdog Timer
- OSLR & Static Routing
- Multiple VLAN Tagging

Specifications

Frequency	2.400 - 2.484GHz
Antenna	5dBi OMNI Integrated Antenna
Standards	802.11n & 802.11b/g
Power	Passive PoE, 12/24V (option)
Data	2 x 10/100Mbps Rj45 WAN/ LAN ports
Speed	MIMO, 300Mbps
Dimension	16.8 x 4.5cm

gini CAP 300

A unique ceiling mounted device powered by premium quality Airgain high performance OMNI antenna.

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Smart Wi-Fi

Centrally Managed Wi-Fi Solution with Controller

Competitively Cost Effective,
Truly Plug & Play,
Scalable.

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Centralized
Wall Plug Wireless Access Point

Replace your existing data face plate
to make Room / Office Wi-Fi.

Gini WAP300U

2x10/100Mbps Rj-45 WAN/LAN ports.
1xUSB port for Mobile & Tab Charger.

Gini WAP300

2x10/100Mbps Rj-45 WAN/LAN Ports.

Gini WAP300T

2x10/100Mbps Rj-45 WAN/LAN ports.
1xRJ-11 for Analog Telephone.

Wall Plug Access Point

- VLAN Tagging, Max-4.
- 2x2 MIMO, 300Mbps.
- 48V, 802.3af Complied PoE.
- 802.11n & 802.11b/g standard.
- 10/100Mbps Rj45 WAN/LAN PoE port.
- 300mW/ high power long range distance.
- OP Mode: AP, Repeater, Gateway, WISP, WDS.
- Support Access Controller System = Yes.
- Multiple SSID upto 4.
- Compact Design 86x86mm.
- Options : 1) USB charger. 2) Analog Telephone. 3) Touch On/OFF.

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Centralized
Ceiling Wireless Access Point

A unique ceiling AP/Router device powered by premium quality Airgain OMNI antenna.

MIMO Access Point
Gini CCAP 300

- VLAN Tagging, Max-4.
- 2x2 MIMO, 300Mbps.
- 48V, 802.3af Complied PoE.
- 802.11n & 802.11b/g standard.
- 2x10/100Mbps Rj45 (WAN PoE port + LAN Port).
- 500/1000mW high power long range distance.
- OP Mode : AP, Repeater, Gateway, WISP, WDS.
- Support Access Controller System = Yes.
- Multiple SSID upto 4.
- Compact Design 16.8 x 4.5cm.

AC Access Point **Gini ACAP 1200**

- VLAN Tagging, Max-4.
- 2x2 MIMO + 2x2 AC, 1200Mbps.
- 48V, 802.3af Complied PoE.
- 802.11AC (900Mbps)+ 802.11 b/g/n (300Mbps) standard.
- 2x10/100/1000 Mbps Rj45 (WAN PoE port + LAN Port).
- 500/1000mW high power long range distance.
- OP Mode: AP, Repeater, Gateway, WISP, WDS.
- Support Access Controller System = Yes.
- Multiple SSID upto 4.
- Compact Design 16.8 x 4.5cm.

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Outdoor Wireless Access Point

A unique Outdoor device powered by premium quality Integrated antenna (5GHz) and High Gain Omni MIMO Antenna for Wide coverage in open area (2.4GHz). Allows more than 100 Concurrent Logins.

Features

Pluto CAC1200

- 802.11AC & bgn standard.
- Wireless speed upto 900Mbps on 5GHz,
  300Mbps on 2.4GHz,
  Total Speed :1200Gpbs
- 48V, 3af PoE Uplink.
- High TX power for long range Wi-Fi coverage.
- Mode : AP, Repeater, Gateway, WISP, WDS.
- Integrated 16dBi Dual Polarized Antenna, 5GHz.
- 2 x N-Female Connector for External Antenna, 2.4GHz
- Support access controller system = Yes.
- VLAN Tagging / Multiple SSID (max 4).

Features

Pluto CAP 300

- 802.11bgn standard.
- Wireless speed upto 300Mbps.
- 48V, 3af PoE Uplink.
- High TX power for long range Wi-Fi coverage.
- Mode : AP, Repeater, Gateway, WISP, WDS.
- Integrated 5/12dBi Dual Polarized Antenna.
- Support access controller system = Yes.
- VLAN Tagging / Multiple SSID (max 4).

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Centralized
Management Controller

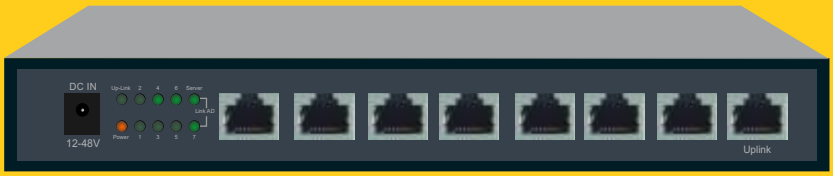
Model : OTAi Fusion-256 Controller

5 x 10/100/1000 Gigabit LAN/WAN Ports Wireless LAN Controller for 200AP + Gigabit Gateway & DHCP + Fully Functional Router

POE Switches

8-Port PoE Switch (AP Address Server + PoE Switch)

7 X 10/100 PoE ports +1x10/100 uplink



16-Port PoE Switch (AP Address Server + PoE Switch)

14 X 10/100 PoE ports + 2 x 10/100 uplink

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