

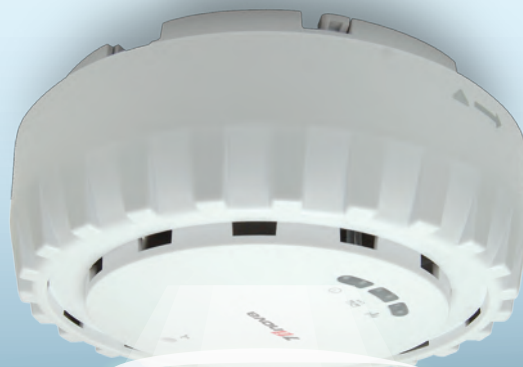
Wireless Ceiling Mount

27dBm HIGH POWER

Ceiling Mount

STRONGER SIGNAL

Compact Design with Ceiling Mount
Extend Wireless Coverage



HOTEL



COFFEE



CENTER



OFFICE

300Mbps

Wireless speed up to 300Mbps

300Mbps Wireless Ceiling Mount Access Point

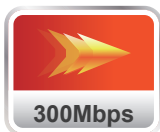
7W245

7inova 7W245 high power CeilingMount AP designs specifically for business-class environments such as hotels, airports, coffee shops, shopping centers, sporting venues, and university campus. provides a secure , convenient, and artistic design to connect multiple Wi-Fi enabled devices such as Portable multimedia devices ,Gaming controles,Laptops etc.

Internally equipped with 2X2 multiple-input, multiple-output (MIMO) antennas, to offer 300M Wireless transmission data rate, improves range and maximize data rates. Field tested to wirelessly cover 8-10 hotel rooms at an indoor operating distance of 40-50 meters and allow simultaneous accesses by up to 30 users.

7W245 has integrated Power over Ethernet (PoE) for easy installation and lower cost.

7W245 can be installed on a wall or ceiling just as a ceiling lamp and blends in nicely with most interior decorations in a modern hotel.



300Mbps



2.4GHz



PoE



Extend



Antennas



Security

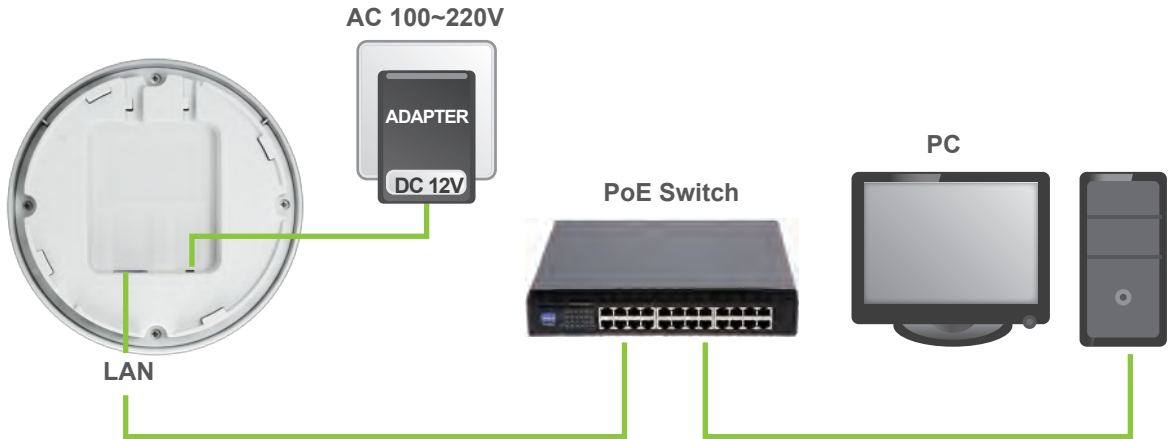
Features

- Compact Design with Ceiling Mount
- Universal Repeater, enable large interior wireless deployments
- Passive PoE Support for Flexible Deployment
- Many management functions, more convenient to use
- 1 x LAN
- 2T2R, 2.4GHz, 300Mbps Wireless N Speed – Extend Wireless Coverage
- Multiple SSID up to 4 (1local, 3virtual)
- Multi-operation mode: AP / Repeater
- Wireless user access control(ACL)
- Internal 5dBi Omni ANT



Software Features:

- Work Model: Access Point / Repeater
- Wireless Virtual SSID: Support 3 Virtual SSID
- DHCP: DHCP Server, DHCP Client
- System Administration: Backup upgrade, Restore The Factory Settings, Reboot



Network Applications



Meeting Room



Home Office



Airport



Warehouse



Server Room

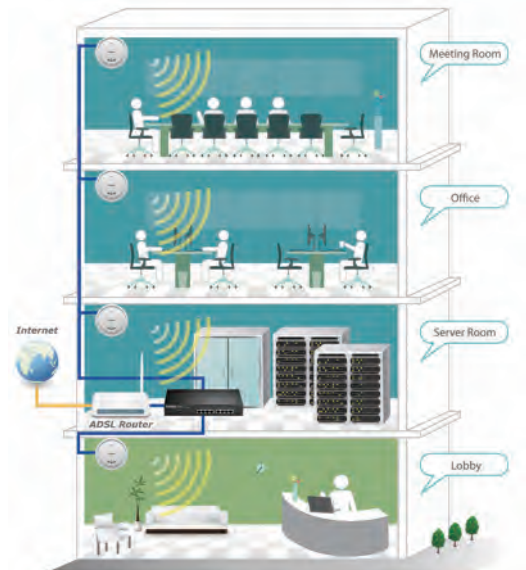


School

Home Application:



Business Application:



Physical Information

Casing Color: White

Physical Dimensions:

L:145 x W:145x H:60mm

Unit weight: 300 grams

Antenna:

Built-in intelligent omnidirectional antenna

External Connectors:

- 1 x RJ-45 for 10/100 Mbps(PoE)
- 1 x Reset button(Reset & Factory Defaults)
- 1 x Power DC Jack

Accessories:

- 1 x 7W245 CeilingMount AP
- 1 x Power Adapter
- 1 x User Manual



Technical Specifications

Frequency:

802.11b/g/n: 2.4~2.4835GHz
U.S., Europe and Japan product covering
2.400 to 2.4835 GHz, programmable for
different country regulations

Modulation:

OFDM = BPSK, QPSK, 16-QAM, 64-QAM
DSSS = DBPSK, DQPSK, CCK

Through Output: 300 Mbps 2T2R

Sensitivity:

- 802.11n(2.4GHz)**
 - 86dBm @ MCS0
 - 68dBm @ MCS7
 - 83dBm @ MCS8
 - 64dBm @ MCS15
- 802.11g**
 - 90dBm @ 6Mbps
 - 72dBm @ 54Mbps
- 802.11b**
 - 92dBm @ 1Mbps
 - 85dBm @ 11Mbps

Output Power:

Radio (WLAN)

802.11n(2.4GHz)(± 1.5dBm):

- 26dBm @ MCS0~2/MCS8~10
- 26dBm @ MCS3/MCS11
- 25dBm @ MCS4/MCS12
- 24dBm @ MCS5/MCS13
- 23dBm @ MCS6/MCS14
- 23dBm @ MCS7/MCS15

802.11g(± 1.5dBm):

- 25dBm @ 6~24Mbps
- 24dBm @ 36Mbps
- 23dBm @ 48Mbps
- 23dBm @ 54Mbps

802.11b(± 1.5dBm):

- 27dBm @ 1~11Mbps

Antenna: Internal 5dBi Omni ANT

Memory: 16MB DDR RAM (May extend to 32MB)

Flash: 4MB(May extend to 8MB)

Power: 12V(PoE 48V)/1A;110V/220V

NOTE: Specifications subject to change without prior notice.

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