

e-Learning Wi-Fi

Proven Performance. Lab-Tested. User Verified.



P2's patent pending DensityBoost Technology redefines wireless for e-learning facilities. Widenity Z-Series provides High-Capacity Wi-Fi ensuring fair and stable distribution of bandwidth amongst all users. Extend campus-wide Wi-Fi connectivity to locations where cabling is not feasible. Together with our patented MeshInfinity, Widenity Z-Series also offers greater flexibility in creating network coverage for outdoor areas, special event areas, historic building structures and more.



Designed for e-Learning

Perfect for classroom scenarios where high user capacity is necessary for "1 student :1 device" initiatives. Supports high multiple of simultaneous user access. Provides real-time interactive e-learning applications, without disruption, to facilitate student discussion and contribution.

Laboratory Tested

Widenity Z-Series has exceptional user capacity, supporting 128 users per radio and up to 60 simultaneous streaming HD videos.

User Verified

Widenity is verified by educational institutions to support over 40 students, browsing and streaming HD video content, simultaneously.



Institutional Examples

Under the "Support Scheme for e-learning in School", Wi-Fi infrastructure enhancement has been carried out for all schools in Hong Kong. P2 is a Hong Kong Government recognized provider and a close partner for Wi-Fi infrastructure provision for education facilities in Hong Kong. Notable institutions include :

- The Chinese University of Hong Kong
- Chinese YMCA College
- Tsung Tsin College
- Lok Sin Tong Young Ko Hsiao Lin Secondary School
- Nam Wah Secondary School
- YLPMSAA Tang Siu Tong Secondary School
- Lim Kim Tian Memorial Primary School
- Fung Kai Liu Yun Sum Memorial School
- Jordan Road Government Primary School
- Kiangsu & Chekiang Primary School
- Yu Leung Fat Primary School
- Po Leung Kuk Siu Hon Sum Primary School
- Po Leung Kuk Dr. Jimmy Wong (Tin Sum Valley) Primary School
- S.R.B.C.E.P.S.A. Lee Yat Ngok Memorial School

P2 Wireless. Wireless redefined.

Related Products



Z500

- Outdoor High Capacity AP
- Built-in 2.4GHz antenna
- External 5GHz antenna
- MeshInfinity system software

Technical Specifications

Dimensions

270mm (W) × 80mm (D) × 270mm (H)

Installation

Pole mountable (Ø40 to Ø52mm)

Max. No. of Spatial Streams

2×2:2

User Bandwidth

867Mbps (5GHz) 300Mbps (2.4GHz)

Aggregated Bandwidth

1167Mbps

Max. No. of Simultaneous Radio

2

Widensity Index

60

Ethernet Interface

1 × 10/100/1000Mbps, RJ-45, MDI/MDIX

Operating Environment Temperature

-40 to 65 Degree Celsius

Humidity

5% to 95% non-condensing

PoE

802.3at



Z100

- Indoor High Capacity AP
- Built-in 2.4GHz and 5GHz antenna
- Dual-band, dual-concurrent
- DensityBoost technology

Technical Specifications

Dimensions

160mm (W) × 160mm (D) × 40mm (H)

Installation

Ceiling and wall mountable

Max. No. of Spatial Streams

2×2:2

User Bandwidth

867Mbps (5GHz) 300Mbps (2.4GHz)

Aggregated Bandwidth

1167Mbps

Max. No. of Simultaneous Radio

2

Widensity Index

60

Ethernet Interface

1 × 10/100/1000Mbps, RJ-45, MDI/MDIX

Operating Environment Temperature

0 to 45 Degree Celsius

Humidity

5% to 95% non-condensing

PoE

802.3af

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