

Energy and Utilities

Improve Reach. Extend Connectivity. Improve Resilience.



P2's patented MeshInfinity utilises the unlicensed radio spectrum to provide revolutionary wireless network for critical facilities, such as power plants, oil fields, mining site, environmental sensors and more. MeshInfinity redefines wireless connectivity.



Improve Reliability.

MeshInfinity's patented fail-over redundancy, always-up architecture makes it the ideal backbone for on-site automatic system to monitor, control and protect critical facilities and functions including power grid communication, smart meter /sensor reading, and internal personnel communication for critical facilities by utilizing the unlicensed radio spectrum.



Improve Reach.

Ensure connectivity for the furthest corner of the most remote site.

Extend Connectivity.

Blanket-like Wi-Fi coverage for an extensive site providing mobile connectivity for onsite personnel, connecting sensors, devices and equipment. Controller failure does not impact coverage or Wi-Fi network in anyway.

Increase Resilience.

Weather-proof equipment promises unsacrificed performance in hostile and challenging environment. MeshInfinity is resistant to heat, vibration, impact and extreme temperatures.



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



X100

- Access / Backhaul AP
- 3 dual-band radio, all external antenna (2.4GHz & 5GHz)
- MeshInfinity system software

Technical Specifications

Dimensions

270mm (W) × 278mm (D) × 90mm (H)

Installation

Ceiling, wall and pole mountable

Max. No. of Spatial Streams

3×3:3

User Bandwidth

450Mbps

Aggregated Bandwidth

1350Mbps

Max. No. of Simultaneous Radio

3

Widensity Index

60

Ethernet Interface

1 × 10/100/1000Mbps, RJ-45, MDI/MDIX

Operating Environment Temperature

-40 to 65 Degree Celsius

Humidity

10% to 90% non-condensing

PoE

802.3at



X20

- Outdoor Backhaul AP
- Built-in 5GHz 19dBi 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

Aggregated Bandwidth

1734Mbps

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