

Wireless Mesh Surveillance System

Emergency Situation. No cables. Communication necessary.



MeshInfinity redefines conventional security surveillance. The patented MeshInfinity technology provides multi-hop high bandwidth needed for wireless high-definition streaming video.

Simple installation is ideal for high traffic sites, historical sites and more. MeshInfinity network is controller independent with self-healing capabilities to provide unrivalled reliability.



Market Example



Hong Kong's Mass Transit Railway (MTR)

MeshInfinity is installed in Hong Kong's MTR to provide secure 24/7 High-Definition surveillance. A network of 10-hops offers wireless surveillance coverage to every corner, spanning over 5 railway platforms. The patented technology infrastructure ensures high bandwidth needed for High-Definition video streaming and real-time surveillance. Self-healing network provides exceptional reliability with failover redundancy path.

Short lead time for project completion due to cable-free deployment. MeshInfinity's flexibility secured coverage despite architectural and geographical constraints such as building structure and remote mountainous location of station.

MeshInfinity for instant protection. Go wireless. Be faster. See clearer.

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

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