

ubihub™



Industry's First Streetlight WiFi 6 Access Point



simply **connected** simply **smart**

ubiquiti®



WiFi 6 Access Point & Smart Streetlight Controller



Accelerating the deployment of high-speed public WiFi for cities of all sizes, UbiHub WiFi provides multiple backhaul options and cloud-based management, making cities smarter, safer and more connected.

Unique Features

- New Qualcomm WiFi 6 tri-band chipset
- Up to 6Gbps bandwidth for clients
- Fastest wireless network performance w/ 4x throughput of existing solutions
- Integrated smart streetlight controller
- Ethernet, Fiber and DOCSIS backhaul options
- Plug & Play, installs in minutes



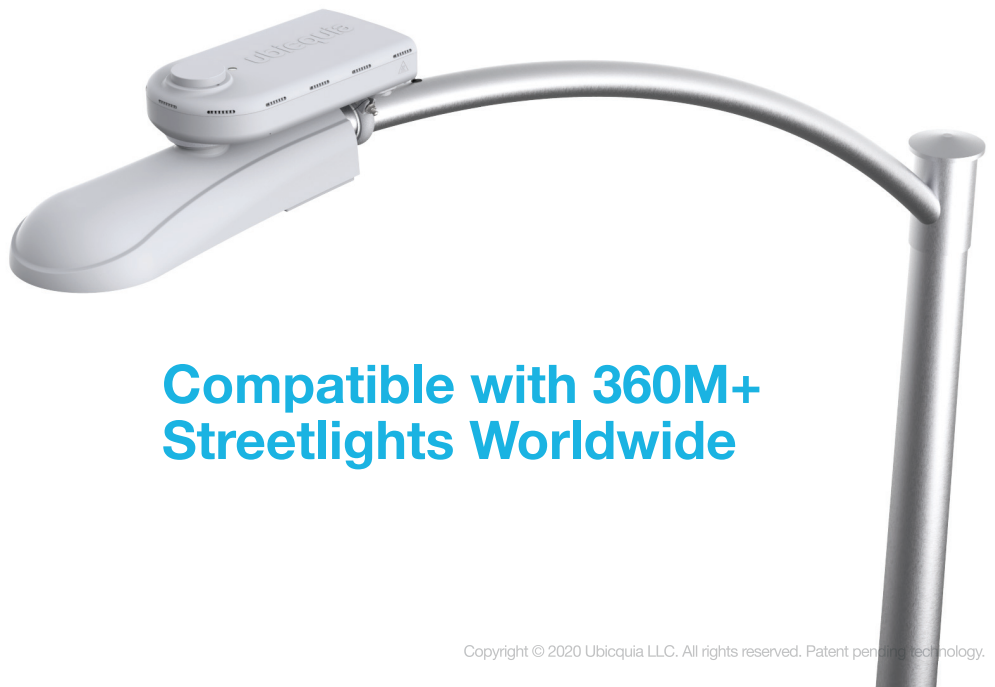
Advanced Light Control,
Monitoring & Metering



Public WiFi



Sensors &
Applications



Compatible with 360M+ Streetlights Worldwide



WiFi 6 Access Point

- Efficiently manage up to 1024 client connections
- Tri-band (2x5GHz, 1x2.4GHz) 4x4 MU-MIMO
- 12 integrated omni-directional antennas



Mesh Network

- Mesh up to 4 units per ISP connection
- Dynamic load balancing of mesh network
- Dedicated 5GHz radio for max mesh bandwidth



Cloud Management

- OTA updates and maintenance releases
- UbiVu platform used to manage and visualize assets
- Advanced WiFi and lighting controls

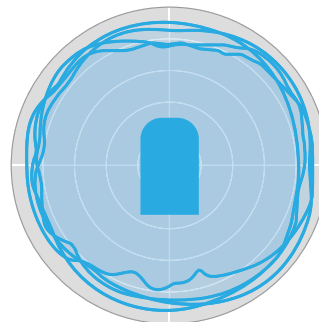


Simplified Installation

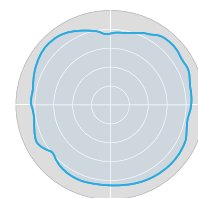
- Powered through the readily available NEMA socket
- Install assist app
- Less than 15-minute installation time

Unique Antenna Design

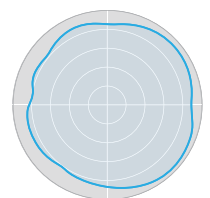
UbiHub's 12 integrated antennas allow the maximum coverage possible from a WiFi and mesh offering standpoint. These antennas reduce the effect of RF interference on every device that is connected to the access point. Their high performance dual-band and omnidirectional transmission ensures real-time capability to support high device density settings.



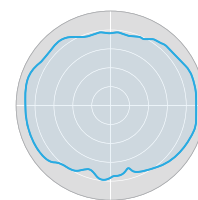
Combined Pattern



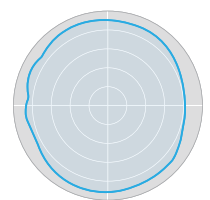
5.0 GHz Azimuth



5.0 GHz Elevation



2.4 GHz Azimuth



2.4 GHz Elevation

Cloud Managed Platform

UbiVu

The UbiHub WiFi access points are managed by UbiVu which sits in the cloud. UbiVu is the one-stop-shop integrated dashboard to manage and visualize all Ubicquia products.

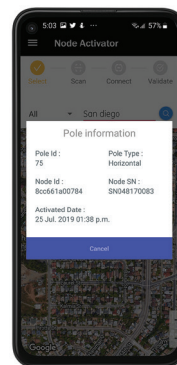
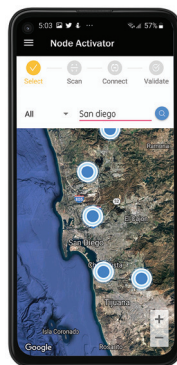
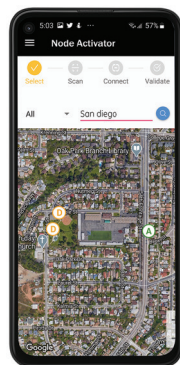
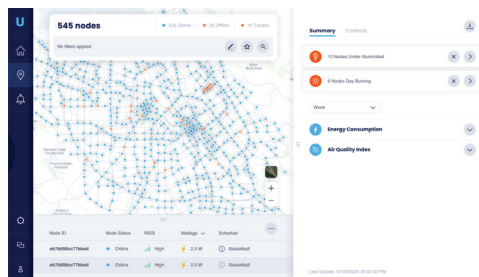
UbiVu Offers

- OTA firmware updates
- Reports and configuration set-up
- Remote troubleshooting
- User access management
- Overall map of deployment with hierarchical device view
- Alert setting functionality
- Overview of key performance metrics and status

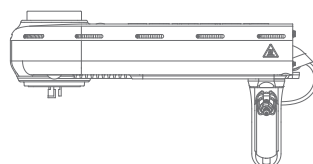
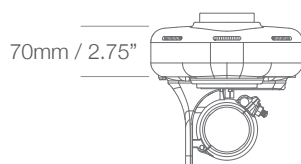
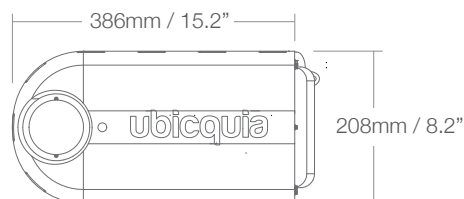
Node Activator App

- Scan the device label for fast installation in minutes
- Connects to UbiVu and registers the device
- On-site confirmation of basic UbiHub functionalities to limit visits to the pole

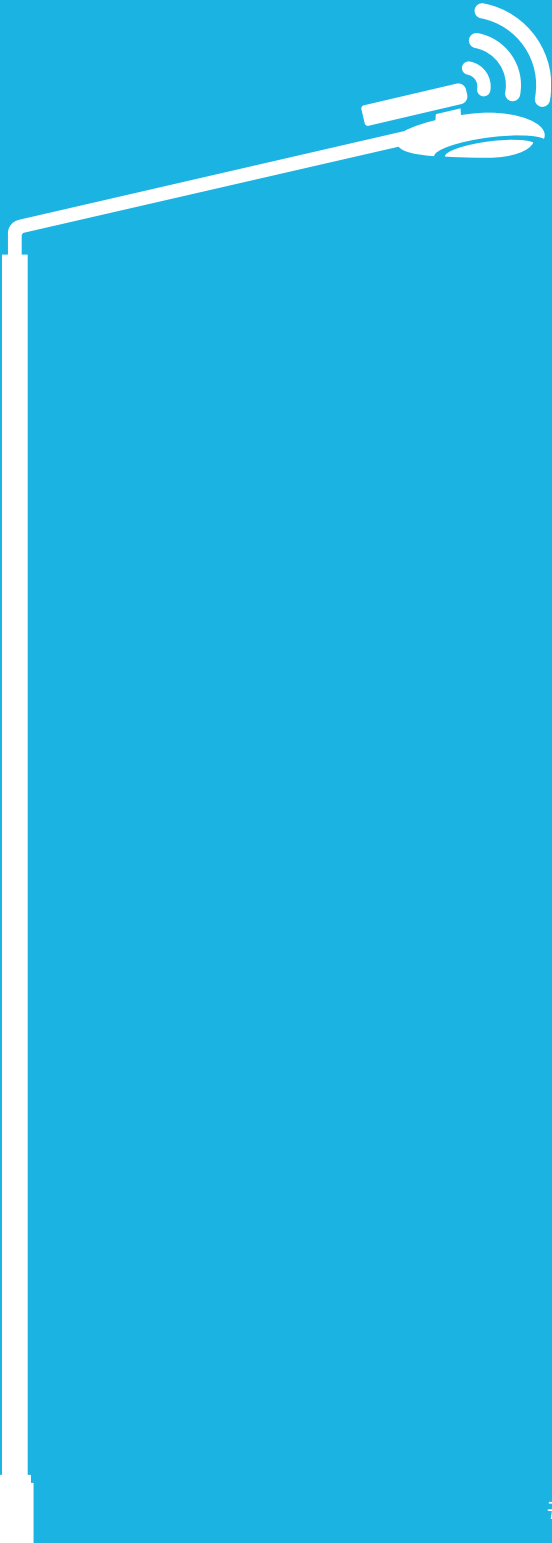
The Node Activator App is available from the Google Play Store on any tablet or cellphone to streamline device installation.



Low profile form factor for improved wind performance and low street visibility



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#1025 UbiHub AP, Sales Sheet, December 2020

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