



ACCESS e2 - Outdoor Access Point

Durability And Affordability

The ACCESS e2 is a staple for smaller scale outdoor WiFi networks. The e2 is ideal for its cost effectiveness to those not building a large mesh network. The e2 is an excellent choice for smaller installations or to fill in low density usage areas with more signal.

While the e2 is powerful as a standalone AP, we highly recommend using e25s as the backbone in a larger network that is comprised of several meshing access points. To save costs, the e2 is a solid option for filling in gaps between the more powerful e25 access points in large networks. When deploying e2s in this fashion, property owners can save installation time, cost and effort by opting for the AC-power option for each unit not needing ethernet connectivity.



Low Cost Dependability

From the e2's physical toughness to its intuitive firmware, nothing beats its price to performance ratio as a:

- Standalone Access Point
- Outdoor Mesh Fill-in
- Simple and fast installation

MeshView - Remote Management

Using the internet to control e2s from anywhere in the world:

- Mass Firmware Upgrades
- Updating Bandwidth Rules
- Changing Pricing Plans
- View Billing History
- View Network Performance
- Real Time Monitoring
- Configure Router Settings
- Alerts to network changes
- Troubleshoot Customers

Simplicity Embodied

The e2 simplifies operating a public network with integrated billing, customer registration, and password recovery, all automated. No Front end controller or complicated extra hardware required. All BlueMesh Networks solutions are hardware minimized with all functions built into the hardware and cloud controller.

Advanced Mesh Logic

Combining the benefits of a Point To Point managed network, with the redundancy of traditional Mesh architectures, the e2 delivers higher availability and throughput than other solutions. Auto network optimizing and healing with multi VAP capability are standard Out Of Box features.



ACCESS e2 - Specifications



Hardware

Ports:	1 10/100 Ethernet (POE Version) OR 1 Outdoor AC Power (AC Version)
Status Lights:	1 High Intensity Blue LED Power / Activity / Status
Wireless Transmission:	2.4GHz, Dedicated 500mW Radio, 6dBi Dual MIMO Omni-directional Antenna
Wireless Security:	Dual Network (SSID): WPA, Open with Integrated Welcome Page Login
Wireless Standards:	802.11b (11 Mbps), 802.11g (54 Mbps), 802.11n (300Mbps)
Hardware Failover:	Dual Radio Mesh Backhaul Failover for Maximum Uptime, Reliability, and Remote Support
Dimensions:	114mm x 482mm (W x H)
Structure:	Powder-coated Aluminum ARM and Band, PVC Radome, 5lbs

Software / Cloud Management System

Bandwidth Controls	Bandwidth limitations set and enforced by the e2 from cloud controller, per location, per customer.
Control Panel:	Simple Web Page User Interface allowing for configuration of settings and features.
Integrated Access Gateway	Billing, customer registration, and information all managed by e2 and MeshView.
Remote Administration	MeshView network management for monitoring, configuration, and updating.

Environmental Specifications

Power Method:	24VDC Power Over Ethernet (POE) or Direct AC-power (120VAC)
Power Consumption:	3 – 5 Watts
Operating Conditions:	-30C – +75C, 95% Humidity (Non-condensing), 125MPH Wind Survivability
AC Power Option Rating	IP67 Rated Connector for simple reliable power from AC source