



ACCESS e25 - Outdoor Access Point

Specialized And Powerful

The ACCESS e25 is a full featured outdoor networking powerhouse. The e25 uses 2 Dual MIMO antenna Access Points, housed in a durable and long lasting enclosure, and powered by the 5th generation of BlueMesh Networks industrial strength firmware coupled with the MeshView Cloud Control server. The e25 provides high uptime and reliability along with site simplicity in terms of minimum hardware requirements and no complex networking appliances on site.

The dual radio design of the e25 provides the highest data speeds and throughput for your location and also provides dual radio failover redundancy to keep your location up and running in harsh RF environments or even in the case of partial hardware failure.



Fine-Tuned Performance

The e25 gives a meshing network increased range and throughput for high performance backhaul and client connections:

- Long Distance Meshing
- Line of Sight Installations
- Powerful Spectrum
- Self Healing, Hardware Redundancy

MeshView - Remote Management

Manage 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

Public Access Gateway

The e25 simplifies operating a public/private network with per user flexible and dynamic bandwidth management, integrated billing with credit card or coupon access, 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 Access Point 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 e25 delivers higher availability and throughput than other solutions. Auto network optimizing and healing with multi VAP capability are standard Out Of Box features.



ACCESS e25 - 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 / 5.8GHz, 500mW Radios, 6dBi Omni (2.4GHz) / 6dBi Omni (5.8GHz) Dual MIMO antennas for both Radios
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, 6lbs

Software / Cloud Management System

Bandwidth Controls	Bandwidth limitations set and enforced by the e25 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 e25 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:	7 - 11 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