



ACCESS e29 - Outdoor Access Point

Specialized And Powerful

The ACCESS e29 is the least commonly utilized of our outdoor access points yet for the correct application, it stands out as an excellent long range solution. When meshing e29s together at far distances, the capability of the 900MHz spectrum is absolutely superb. Using this low spectrum penetrates trees, buildings, and other environmental obstructions, allowing for great performance even in poor conditions.

While the e25 shines in flat, clear environments, the e29 is specialized for use in elevation changing, obstacle filled areas. When used in the right setting, the e29 provides unparalleled performance and range when compared to the rest of our ACCESS series products.



Rugged Performance

The e29 gives a meshing network increased range and ability for long distance backhaul connections:

- Long Distance Meshing
- Overcomes Environment
- Robust Spectrum

MeshView - Remote Management

Using the internet to control devices 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

Running a public network for internet access can lead to a costly distraction for a business. The e29 simplifies this with integrated billing, customer registration, and password recovery, all automated. With Guest Communicator, the login page can be customized in detail.

*Monthly Fee. See 'Guest Communicator' Datasheet

Foremost Precision

The e29 places itself in the niche of long range, high performance, and carefully regulated mesh networking. The e29 allows for easily profiting from the robust 900MHz spectrum. Despite the varying nature of the spectrum, the e29 intuitively works behind the scenes to maintain greater range meshing links than the rest of our products.



ACCESS e29 - Specifications



Hardware

Ports:	1 10/100 Ethernet (POE Version)
Status Lights:	1 LED Power / Activity
Wireless Transmission:	2.4GHz / 900MHz, 500mW Radios, 6dBi MIMO Omni (2.4GHz) / 5dBi Omni (900MHz)
Wireless Security:	Dual Network (SSID): WPA, Open with Integrated Welcome Page Login
Wireless Standards:	802.11b (11 Mbps), 802.11g (54 Mbps), 802.11n (300 Mbps)
Hardware:	8MB Flash, 64MB SDRAM, Atheros MIPS 24KC @ 400MHz
Dimensions:	114mm x 915mm (W x H)
Structure:	Powder-coated Aluminum ARM and Band, PVC Radome, 5lbs

Software

Bandwidth Controls	Bandwidth limitations set and enforced by the e29 itself 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 e29 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