

AP-24-58

Access Point Dual Band (Wave-2)

CARRIER GRADE MULTI FEATURED OUTDOOR ACCESS POINT (WAVE-2)

VNL's Wi-Fi Access Point provides reliable and secure high-speed Wi-Fi connections. Product is ideal for extending Wi-Fi coverage or filling in coverage holes in challenging RF environments. Provides carrier grade 802.11 b/g/n/ac access. It features a light-weight and weather proof design. Wi-Fi Access Point is available with an external antenna or integrated antenna. It is dual band Access points which can operate on 2.4 and 5 GHz. The Access Point incorporates the latest technologies such as MU-MIMO.

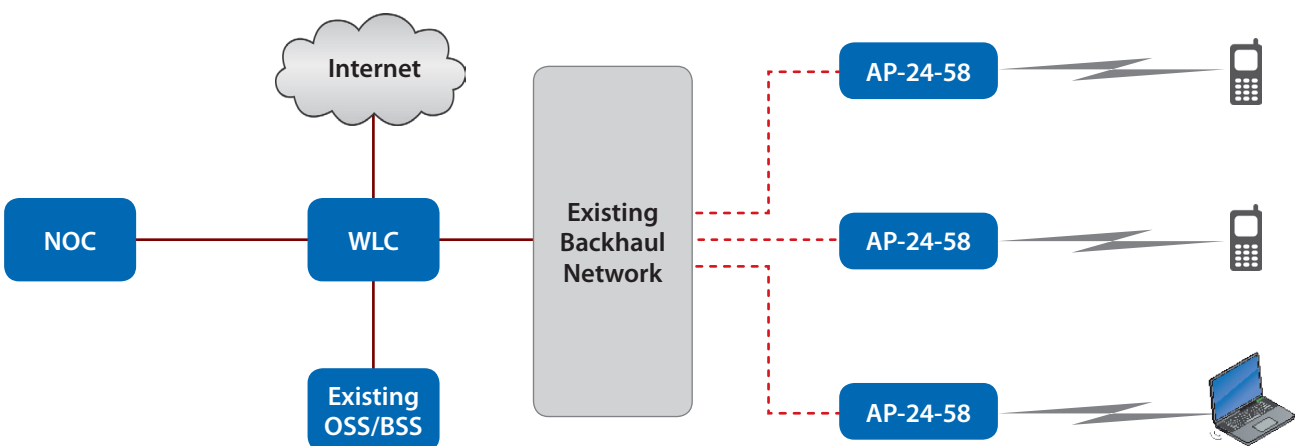
BENEFITS

- **Carrier Grade Performance:** VNL's Carrier Grade Access Point ensures continuous service availability.
- **Rapid Deployment:** Supports Plug-and-Play solution for rapid deployment. Dismantling & redeployment of the unit is speedy as well.
- **All-Weather Reliability:** Our system is outdoor and rugged enough to withstand extreme weather conditions.
- **License Exempt Frequencies with Security:** The Dual band 2.4 and 5 GHz solution is regulation friendly as it operates only in the license-exempt frequency bands with secure encryption.
- **Centralized Management:** VNL AP is integrated with VNL WLC and EMS.

HIGHLIGHTS

- *Carrier Grade Performance*
- *Low Power Consumption*
- *Long Range*
- *Scalable Capacity*
- *Flexible Architecture*
- *Fast Time to Market*
- *Available with Integrated or External Antenna Option*
- *3 x 3 MU-MIMO*
- *802.3at PoE*

APPLICATION DIAGRAM



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SPECIFICATIONS

RADIO & TRANSMISSION	
Radio	Dual Band Radio Access Point with 3x3 MU-MIMO
Radio Configuration	802.11 b/g/n/ac
Frequency Band	Dual band 2.4 and 5 GHz
Channel Bandwidth	20/40/80 MHz
INTERFACES	
Ports	Auto-Sensing 10/100/1000 Base-T
ENVIRONMENT	
Operating Temperature Range	-20 °C to +65 °C (-4 °F to 149 °F)
Enclosure	Outdoor, IP 67
Humidity	Up to 95% (Non-Condensing)
SECURITY	
Access Protection	WPA/WPA2 Personal WPA/WPA2 Enterprise
AES Encryption	Supported
Authentication	802.1x
WLAN & NETWORKING	
BSS	Up to 16 SSID with VLAN
Management VLAN	Supported
QoS	802.11e WMM
DHCP Server	Supported
ELECTRICAL	
Power	802.3at, 48 V PoE
MANAGEMENT	
Network Management	EMS, SNMP, Embedded Web Server
Firmware Upgrade	Local and Remote
Backup and Restore	Web Based Supported
System Monitoring	SysLog
COMPLIANCE	
TEC GR	Yes