



**5.8 GHz Wireless Point to Point with DIP Configuration
Quick Start Guide
AP2PLR**



Wireless Bridge

Quick Start Guide | Model AP2PLR

System Overview

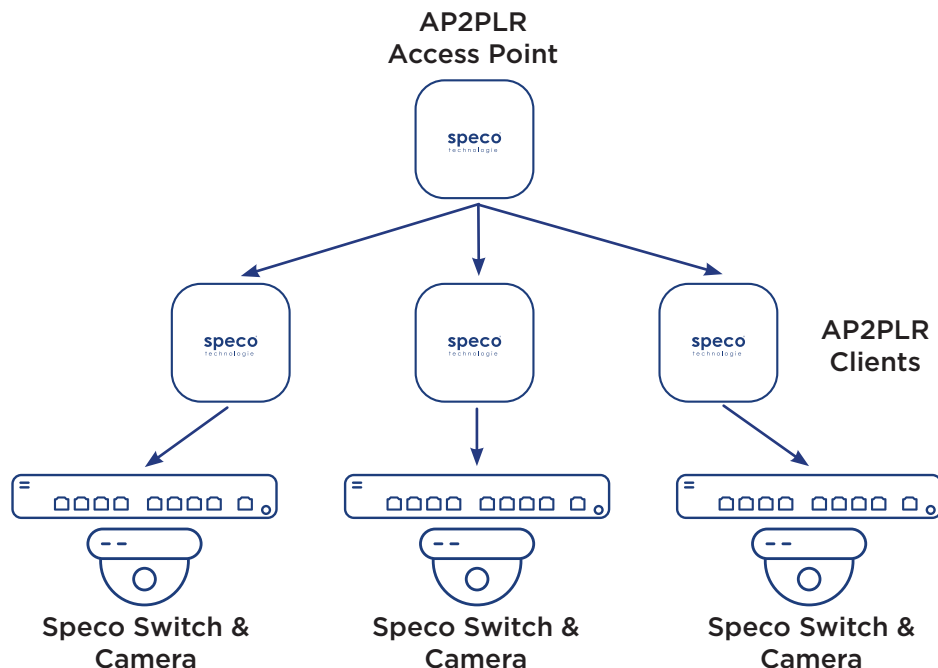
The AP2PLR Wireless Bridge creates a High bandwidth point-to-point wireless network connection for remote surveillance devices.



Point-to-Multipoint Deployment

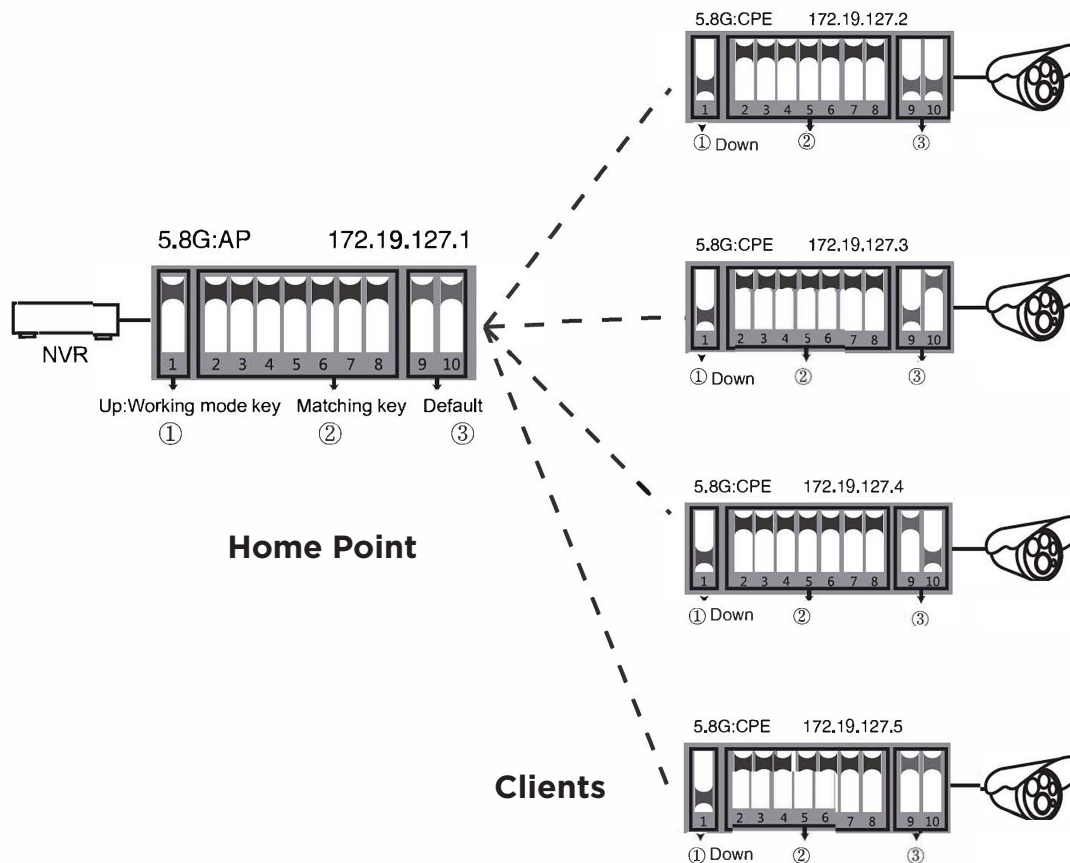
One AP2PLR configured as an Access Point can support multiple client points.

Example deployment with 3 clients in the field:



All client points must use the same channel and wireless configuration.

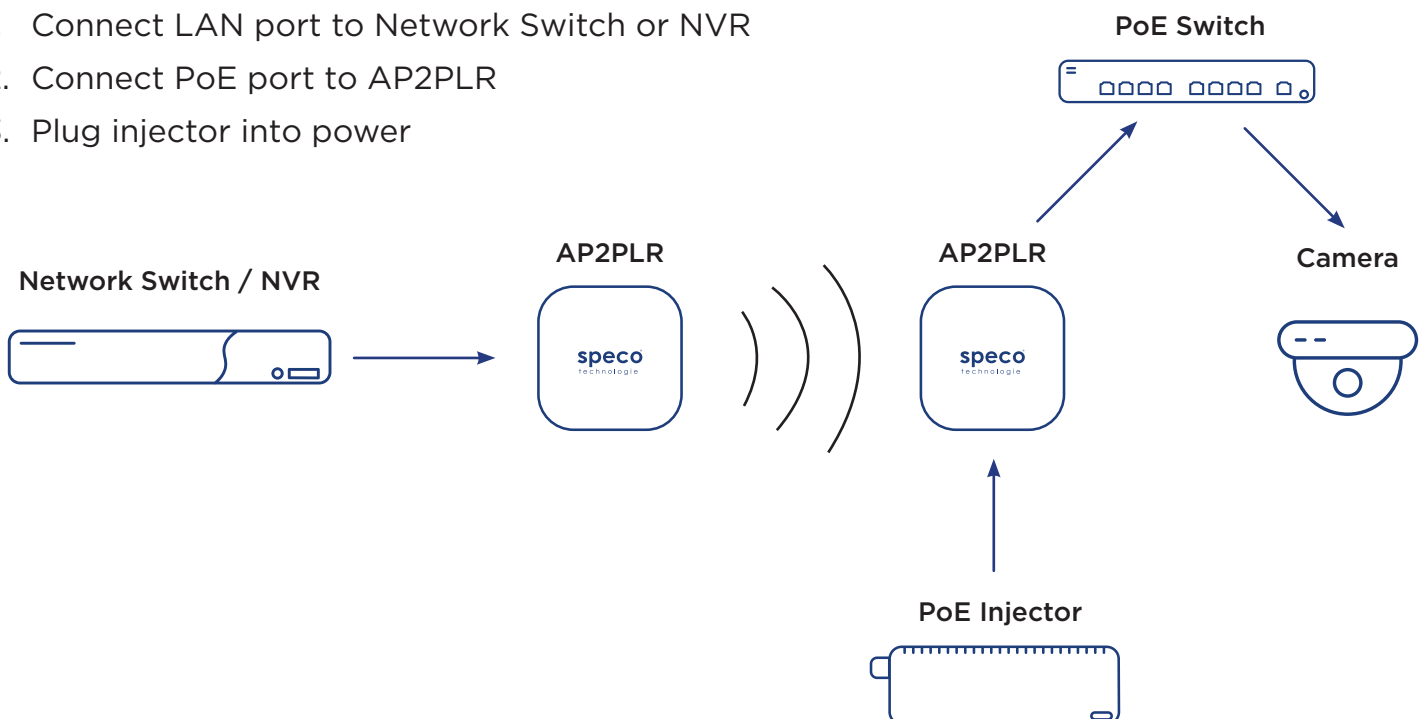
P2P DIP Switch Settings



PoE Power and Network Wiring

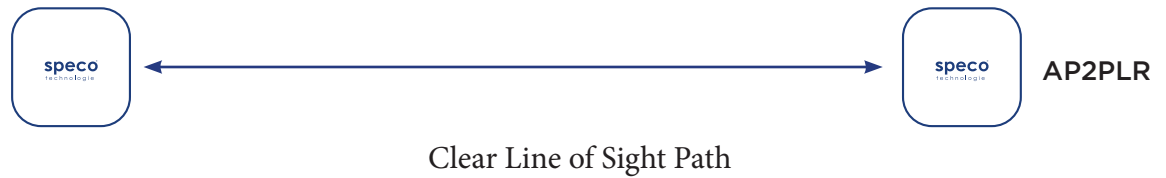
The AP2PLR is powered using the included 24V PoE injector (included).

1. Connect LAN port to Network Switch or NVR
2. Connect PoE port to AP2PLR
3. Plug injector into power



Mounting and Alignment

Install points with clear line-of-sight between locations.



Typical applications include:

- Mount points 10-20 ft above ground
- Avoid trees or metal obstructions
- Use pole mounting when possible
- Aim points directly toward each other

Proper alignment ensures maximum signal strength and stable video transmission.

Installation Verification

After installation

1. Apply power to both PoE injectors
2. Wait 60-120 seconds for the wireless link to establish
3. Verify the device appears on the network
4. Adjust antenna alignment if signal strength is weak

Installer Best Practices

- Bench test points before installation
- Use outdoor-rated CAT5e or CAT6 cable
- Weatherproof outdoor connections
- Maintain clear line of sight between radios



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