

Network Solution Guide

Typical Network Topology

- Ethernet / Max Dist. 328' (100m)
 - Cat5e or better - recommended (Cat6a required for full Gigabit at 100m)
 - Shielded cable on runs over 100' (30.5m) - recommended
 - 10/100/1000 Mbps
 - Typical Network Speed - 1 GHz
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- VLAN 1 - Management/Main
 - VLAN 2 - Guest, QoS-Bulk
 - VLAN 4 - Security

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Parts List

| Description | Model # | QTY |
|--|--------------|-----|
| Epic 5 Gigabit Router - Rear Ports | ABR-5000 | 1 |
| 24 PoE+ Rear Port Gb Switch w 4 SFP+ | SW-610-24P-R | 2 |
| Eight Outlet Intelligent PDU | RLNK-915R | 1 |
| Wireless Controller, Managed up to 32 APs | XWC-2000 | 1 |
| High Power Wireless AC1200 Dual-Band Outdoor WAP | XAP-1440 | 1* |
| High Power Wave 2 AC3100 Dual-Band WAP | XAP-1610 | 9* |

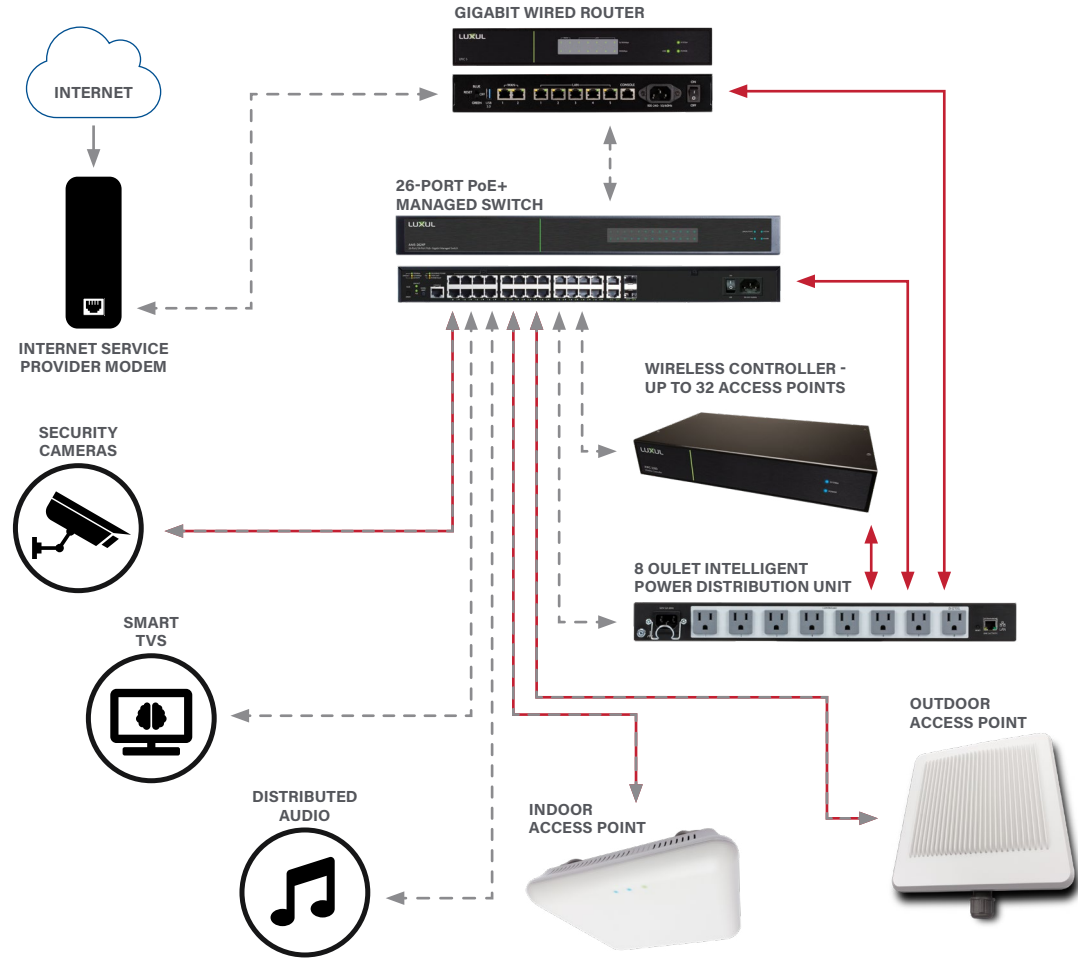
* Number of WAPs depends on building materials and overall space of project and will vary.



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LARGE HOME



Network and PoE+

Power

Network



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