

# 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

- VLAN 1 - Management/Main
- VLAN 2 - Guest, QoS-Bulk

## Need help designing a network for your install?

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### Parts List

Description	Model #	QTY
EPIC 3 - Dual Band Wireless AC3100 Gigabit Router	XWR-3150	1
AV Series 12 Port/8 PoE+ Gb Managed (130W)	AMS-1208P	1
High Power Wave 2 AC3100 Dual-Band WAP	XAP-1610	2*
2 Outlet Intelligent Power Distribution Unit	RLNK-215	1

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



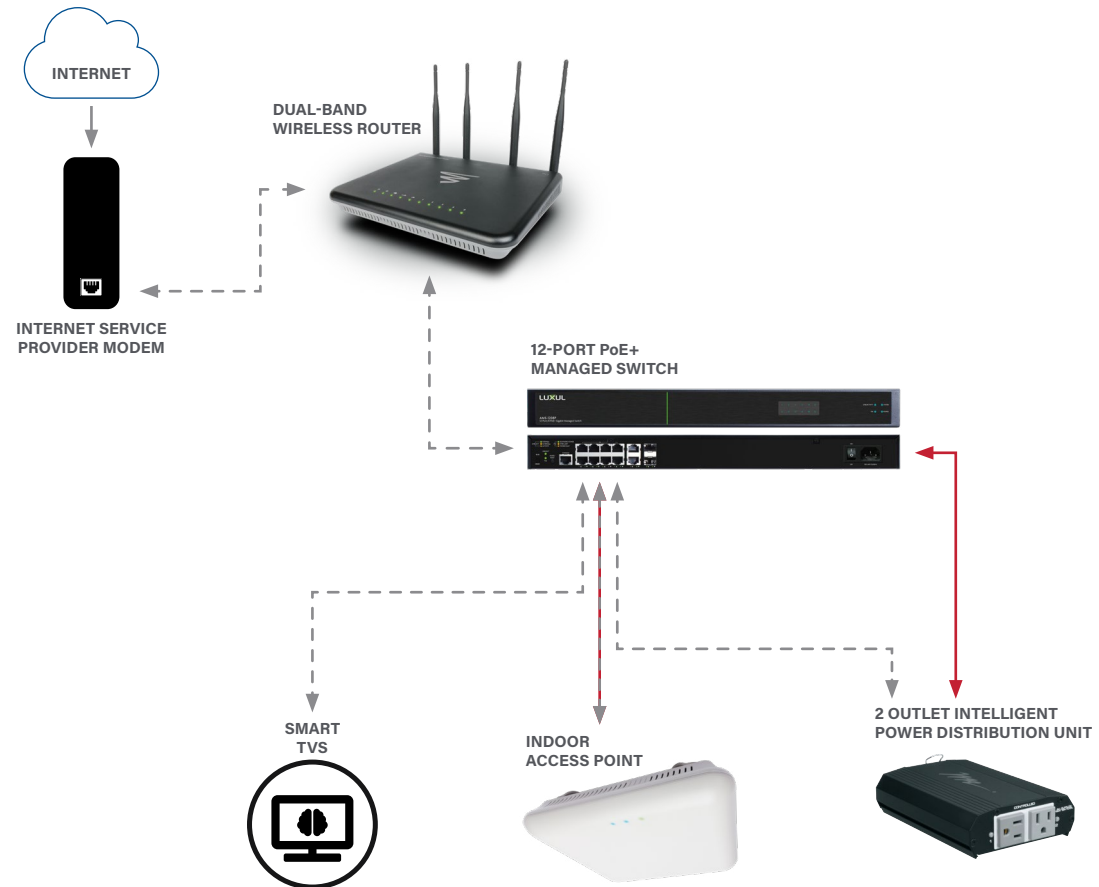
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