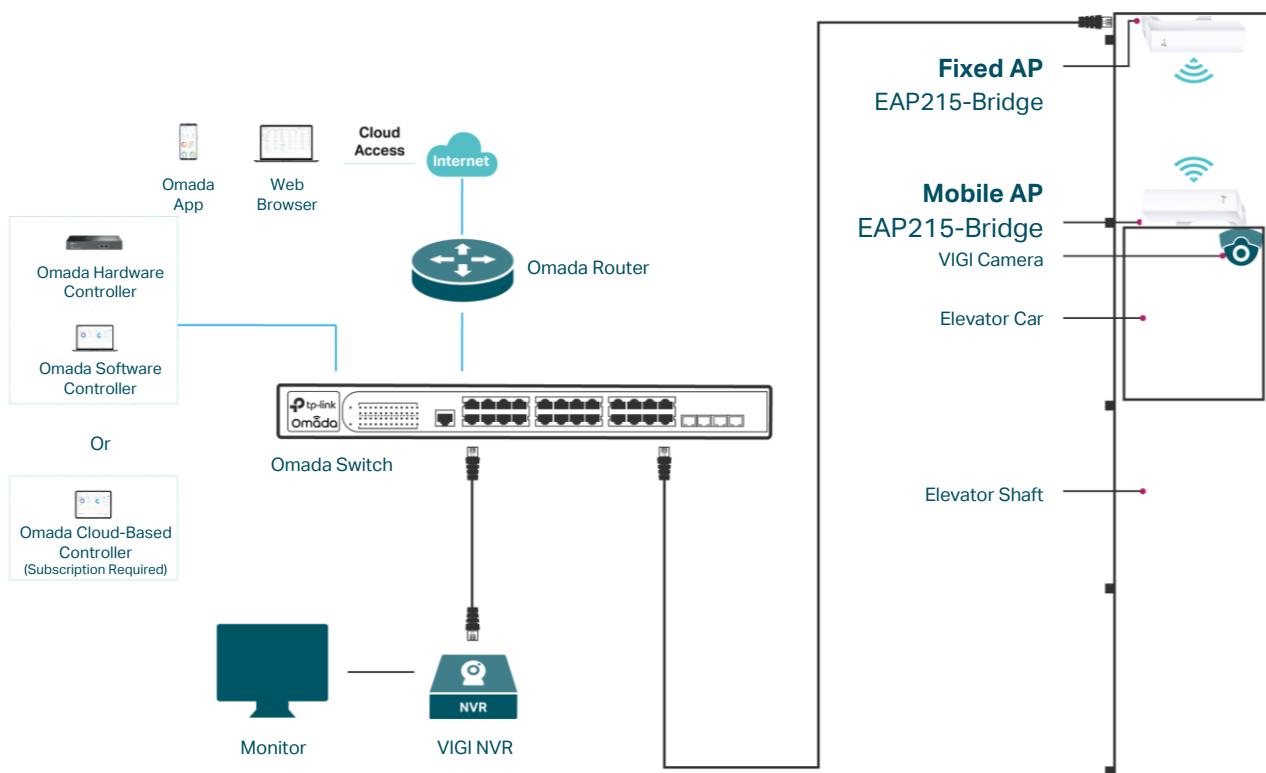


# Wireless Network for Elevators

For any business in a multi-storey building, ensuring elevators are connected to the network can be critical for applications like video surveillance and digital signage. Traditionally, solutions like high tension Ethernet cables—running from either the top or bottom of the elevator shafts—are used to accomplish this. But there are some significant drawbacks to this method: Construction has to be completed in a way that allows for these cables; Installation is more intensive; Eventually the cables will break due to normal wear and tear.

To mitigate these issues, TP-Link Omada offers a solution: a wireless point to point link delivering throughput up to 867 Mbps. Wireless coverage extends to the entire shaft to connect surveillance cameras or digital signage directly to your network. Record real time video to an NVR with virtually no hard wiring required—so there are no cables to wear out.

## Typical Solution Topology



## Product Recommendations

2K+ Camera Surveillance Solutions					
Models	Frequency	Max. Wi-Fi Speeds	Ethernet Ports	Power Supply	Max. Range
EAP215-Bridge KIT	5 GHz	867 Mbps	3× 1G	Passive PoE and DC	5 km+

HD Camera Surveillance Solutions					
Models	Frequency	Max. Wi-Fi Speeds	Ethernet Ports	Power Supply	Max. Range
EAP115-Bridge KIT	5 GHz	300 Mbps	3× FE	Passive PoE and DC	5 km+



## 1. COST SAVING WIRELESS TRANSMISSION WITH EASY SETUP AND INSTALLATION

- **Easy, Flexible Installation** — Eliminate the limitations of traditional cable transmission distance and the construction requirements for cable deployment in an elevator shaft.
- **No Complex Cabling** — Wireless transmission ensures cable wear and tear is a concern of the past. Physical deployment costs are reduced, due to fewer physical objects being required as well reducing construction costs.
- **Auto-Paring** — Automatically establishes a network when a gateway is configured and access points are powered on, avoiding complex setups.
- **Agile LEDs for Quick Deployment** — Flexibly adjust your wireless bridges' position and angle following the LED signal strength displays for optimal reception after auto-paring.
- **Flexible DC and Passive PoE Power Supply** — Passive Power over Ethernet support allows for flexible deployment and convenient installation.
- **Reliable Quality is Low Maintenance** — The high product quality you get from TP-Link ensures maintaining your wireless elevator system is as easy as possible.

## 3. HIGH-SPEED AND STABLE WIRELESS CONNECTIONS TO MEET THE NEEDS OF ELEVATOR MONITORING

- **Wi-Fi Speeds Up to 867 Mbps** — Ensures video monitoring and other data intensive functions are smooth and clear.
- **Stable Connections at High-Speeds** — Real-world use has proven that Omada wireless bridge products deliver stable transmission and smooth video even when elevators are rapidly running between floors.
- **Long-Range Video Transmission** — TP-Link Omada wireless bridge products easily relay HD video from elevator surveillance cameras thanks to extensive features that ensure robust long-range transmission.
- **Weatherproof for Elevator Use** — IP65-rated waterproof and dustproof casing fully protects your network data in harsh environments for prolonged exposure elevator shaft.

## 2. EASY MANAGEMENT SIMPLIFIES OPERATION

- **Unified network management** — Centrally manage access points, switches, and routers—all controlled from a single easy-to-use interface.
- **Multi-Customer and Multi-Site Management** — Manage multiple offices without switching controllers under Managed Service Provider (MSP) Mode. Easier to check and manage multiple sites with a more well-organized management structure.
- **Customized user management permissions** — Multi-user privilege assignment is available to increase management efficiency and security. Multi-person management, multi-level permissions, and the ability to add admins as needed, enable flexible network operation and maintenance.

"I've mentioned how simple the setup procedure is and how the Omada Software Controller allows me to control many access points from a single



Scan the QR code for details

interface. I specially linked the quick and dependable Wi-Fi connectivity, the smooth roaming, and the option for different SSIDs."

—Review in Gartner Peer Insights\*

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## ▶ TP-LINK OMADA DESERVES YOUR TRUST

### Superb Pre-Sales Services

- ✓ Certification and Training
- ✓ Tailored Network Deployment Advisor
- ✓ Professional Site Survey

### Superb Pre-Sales Services

- ✓ 2-Year Product Warranty
- ✓ Dedicated Omada Support
- ✓ Official Omada Community
- ✓ Localization Support Teams

### Vertical Integration and Stable Supply

TP-Link is one of the few major wireless networking companies that operate in-house manufacturing facilities to maintain the standard of every component, enabling better value than traditional OEM's. The control over components and our supply chain is a key competitive differentiator. Our combination of supporting facilities ensures complete quality control and high-level manufacturing.

### World's No.1 Wi-Fi Products Provider

- ✓ World's No.1 Wi-Fi Products Provider for 12 consecutive years\*\*
- ✓ 25 years of creating exceptional high-quality products
- ✓ Over 20 years of product testing have built our hard-earned reputation for reliability

\*\*Source: IDC Worldwide Quarterly Wireless LAN Tracker, Q4 2022 (claim based on worldwide shipments).