

## SUCCESSFUL STORY



**Chunghwa Telecom Co., Ltd. (CHT)**  
**The biggest Telecom operation company in Taiwan. The business scope covers fixed-line telecommunications, mobile communications and data communications. The company turnover USD\$ 73 Billion (2018) and employees over 32,000.**

---

### Challenge:

Based on social responsibility and entrepreneurial spirit, Chunghwa Telecom hopes to provide free wireless Internet access to the relatively backward areas of Taiwan.

- ▼ The distance between the Internet server room and the wireless access point station (AP) is more than a few hundred meters. The cost of maintenance and construction using fiber optics is too high.
- ▼ Getting the power to the access point station (AP) is not easy. The method of rewiring power lines needs to be recognized by many government departments. The process is cumbersome and complicated, and system management and maintenance are not easy.
- ▼ All Internet server rooms are unguarded, Chunghwa Telecom needs a simple, reliable, and long-distance Ethernet/PoE transmission device.

### Solution:

Chunghwa Telecom (CHT) selected the i-View EPoC-131VA + EPoC-131PS-O (Ethernet/Power over Coax Extender) solution. The reasons as are

- ▼ Easy to maintain by instantly check network signals, link, and power status with smart LED indicators
- ▼ Support standard industrial installation methods 19 inches rack mount good for Internet server room installation.
- ▼ Deliver the POE Power via stronger Coax cable up to 600 meters (1800 feet) distance, 100% cover the installation area of the project.
- ▼ No IP and MAC address configuration required, easy to install.
- ▼ IP 66 waterproof housing adapts to the Wireless AP site directly, no extra device request.

**Result:**

By applying simplifying infrastructure requirements, CHC was able to deploy over 290 sets Wireless Access Point during the first implementation phase. The i-View EPoC (Ethernet/Power over Coax) solutions helped the client quick installation system and eliminating the cost and power cabling apply to the process.

CHC was extremely pleased with their ability to:

- ▼ Reduce over 6 months process period and easy to maintain after the 1-year operation.
- ▼ Save \$80,000 during the first phase of the project and allow increasing more wireless Internet equipment (Add about 45% than the basic plan) for the resident of the relatively backward areas.

**Product List:**

1. EPOC-131VA, EPOC-131PS-O Ethernet/Power over Coax.



EPOC-131VA



EPOC-131PS-O

Let us help you take full advantage of EPoC Extender, save money, eliminate risk, and simplify the advantage to IP requirements with our ezLink Series.

[www.i-view.com.tw/ezlink-ethernet-over-2-wire-extender/](http://www.i-view.com.tw/ezlink-ethernet-over-2-wire-extender/)