



Anywhere

SUCCESS STORY

Fung Kai School Group

Intelligent Connectivity and
Network Camera Solution for
Safe Campus

Overview

With a population of over 3,000 students from a kindergarten, two primary schools and one secondary school, the Fung Kai School Group in Hong Kong views security as one of their top priorities. They needed an efficient and robust surveillance system to keep their students, staff and teachers safe.

They are looking for a reliable security system to effectively prevent violence and theft; to minimize vandalism and the costs for repairs. A monitoring system at the car park and entrances of the campus is essential to keep track of the daily traffic of vehicles and pedestrians, preventing kidnap cases and providing valuable investigation sources for incidents and suspect identification.

Paired with HD network cameras, Anywhere Networks' Intelligent Connectivity Anywhere® technology delivered the ideal safe campus surveillance solution for Fung Kai School Group, enabling the rapid deployment of network cameras in the exact locations required without the expense and limitations of cabling or wires. Anywhere Networks' nodes provided fiber-like performance and extended connectivity to all the areas where video surveillance was needed.

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Customer

Fung Kai Kindergarten
Fung Kai Innovative School
Fung Kai No. 1 Primary School
Fung Kai No. 1 Secondary School



Deployment Location

Hong Kong

Application

Safe Campus – Wireless Mesh
Video Surveillance

Product Deployed

Anywhere Network Node
X20 Series



The Challenge

- Comprised of a kindergarten, two primary schools and one secondary school, the campus needs a security system to cover an area of 100,000m²
- Some network cameras need to be placed at outdoor locations where cable cannot reach easily.
- HD surveillance feeds are essential and pan-tilt-zoom cameras are needed for the surveillance of critical locations.



The Solution

- A 5-hop wireless mesh ring is built on the rooftops of 4 school buildings as backbone using Anywhere Network Nodes (A-NN) X20 Series
- A relay-site overcomes the non-line-of-sight blockage.
- Mesh link redundancy and auto-recovery features are incorporated for highly resilient network structure.

“Anywhere Networks intelligent connectivity technology lives to its promise of a truly rapid deployment. We no longer have to wait till the summer break to set up the surveillance system because the works bring no disturbance to the school’s daily learning activities at all!”—Principal of Fung Kai No.1 Primary School, Mr. Chu Wai

The Benefit

- Significantly shortened the rollout time of the entire system, compared with the traditional deployment of connecting network cameras with cables or fiber optics.
- Simple construction work allows for deployment during school days with minimum disturbance and making future maintenance easier.
- High bandwidth and low latency network easily support full HD video quality and bandwidth-demanding pan-tilt-zoom video feeds.
- Proprietary network with encryption prevents leakage of confidential information and surveillance feeds
- Gigabit network is scalable for future addition of network cameras, maximizing the value of infrastructure investment.



Anywhere Networks

Anywhere Networks is a leading Wireless Mesh Technology company offering scalable, high-capacity and secure network solutions and services for Smart and Safer City Applications with a focus on public safety, Internet of Things (IoT) connectivity, video surveillance, transportation networks and industrial environments for provinces, governments, industrial and enterprises. **Anywhere Network Node A-NN** is our flagship product line of ultra-high performance industrial-grade wireless products, its full mesh capabilities designed for flexible and expandable deployments regardless of physical constraints. The entire network is managed by **Anywhere Node Manager A-NM**, a Provisioning and Centralised Network Management Software and Platform of all-in-one dashboard for configuring, monitoring, and managing AN network and devices.