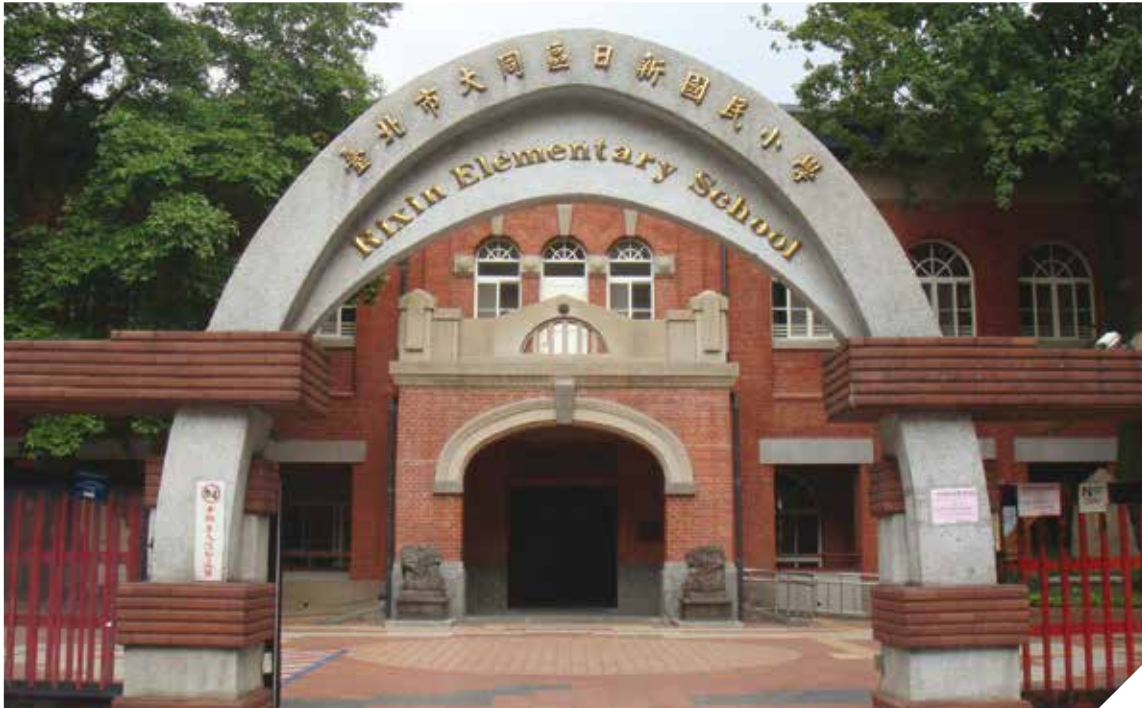


## Perimeter protection pioneer on campus.

Setting a role model for campus security—Rixin Elementary School creates a safer campus with Axis.



**Organization:**  
Rixin Elementary School

**Location:**  
Taipei, Taiwan

**Industry segment:**  
Education

**Application:**  
Safety and security,  
perimeter protection

**Axis partners:**  
Zero One Tech,  
Yutong Tech

### Mission

As campus security has become a heated topic in recent years, Rixin Elementary School in Taipei has paid more attention to it. With its well-practiced IT infrastructure, this century-old school aimed to install a new network video surveillance system based on its structured cabling. The school hoped to improve campus surveillance and real-time alerts, which would allow security guards and staff to monitor real-time videos easily and react swiftly to any potential incident. As a result, what Rixin needed was a campus surveillance solution which offered the best video quality and allowed the users to manage easily and respond proactively.

### Solution

Outdoor-ready bullet-type Axis cameras with IR LED were installed on the school fence as well as inside the campus. With AXIS Camera Station video management software, the school has created an effective and complete perimeter protection.

AXIS Camera Station supports a convenient mobile viewing app, which allows users to watch live view or playback on their mobile phones, providing the real time safety protection. Meanwhile, the system setup and fine-tuning can be done in a snap via the simple, intuitive operation interface, allowing the school to perform the security management task in a more efficient manner.

### Result

Compared to the traditional analog system, the Axis network video system provides superior image quality with much higher resolution. Axis network cameras' performance remains excellent even at night or in bad weather. Meanwhile, the system becomes more efficient and flexible for management. It not only allows broader administration rights, but also enables real-time monitoring and immediate response by authorized users to access the system via Internet anywhere on campus.

**“By sharing our own experience, we hope to become a success reference to other schools and further enhance the security awareness. Meanwhile, we’re pleased that, after communicating our needs with Axis, they offered a highly efficient solution which fulfilled our expectation within the budget.”**

**Sheng-wei Wang, Director of General Affairs, Rixin Elementary School.**

### Old school, new concept

With over 100 years of history, the prestigious Rixin Elementary School is still thriving on innovations. In recent years, Rixin not only applied information technology to its curriculum, but also focuses on its IT infrastructure and the overall campus security strategy. Under the leadership of its presidents over the years, Rixin has become one of the few schools in Taipei that has installed a campus-wide structured cabling system.

To further improve campus security, the school began to gradually update its existing surveillance system starting in 2015. Rixin installed flexible high-resolution network cameras based on its structured network system. By expanding the surveillance coverage to the fences along Nanjing West Road and Chengde Road, the school aims to keep malicious intruders away from the campus.

### Building campus security network with excellent video surveillance

Through long-term evaluation, Rixin Elementary School determined that Axis' solution was the best match for its goals. While serving the client's needs, Axis' tailor-made products also maximize system efficiency with the integration of hardware and software, bringing forth the best network surveillance quality. For the best product performance and reliability, Rixin has chosen to build perimeter protection with AXIS P1405-LE and P1425-LE Network Cameras, plus the video management software, AXIS Camera Station.

Together with its distributor Zero One Tech and its system integrator Yutong Tech, Axis has provided Rixin with comprehensive technology support and service during the overall system installation and follow-ups. “I even received a phone call one evening from Axis' tech consultant, asking if I need any help with the operation interface,” said Sheng-wei Wang, Director of General Affairs at Rixin. “I was very impressed by how much Axis cares about its customers.”

### Level up the security protection with smart video management software

Compared to the analog system, TCP/IP infrastructure performs exceptionally in surveillance tasks. Not only is the image quality better, but the system has also become much more efficient and flexible. As long as there is Internet connection, any computer in the school is able to connect and monitor. In any incident where playback or recorded video evidence is required, the action will no longer be limited to the recorder. In addition, the system also allows the users to manage and differentiate multiple access levels.

The smart video search function in AXIS Camera Station allows users to drag and play the video files, while also supporting quick search across multiple cameras. In addition, the grouped popup images offer multi-angles of view, facilitating video analysis with a much wider range of data.

Sheng-wei Wang said, “With a limited number of staff at school, the intuitive management process enables us to monitor the campus much more efficiently. Even teachers with no IT background are able to monitor and manage campus security with this simple surveillance solution.”

### Future plans

For Rixin, the next step will be to proactively detect and defend threats. The school has tested Axis' innovative AXIS Perimeter Defender, a flexible and accurate add-on application which conducts intelligent video analysis at the camera front-end and minimizes false alarms. Rixin is very satisfied with the trial results. In next phase, the full-campus video surveillance system will be installed by stages and by designed areas. Rixin aims to further improve the analysis and alert efficiency through the complete Axis perimeter protection solution, supporting a safer learning environment for the students.



AXIS P14 Series of outdoor-ready bullet-style cameras with IR LED were installed on the school fences, providing stable and clear high image quality around the clock in any weather condition.



The user interface of AXIS Camera Station video management platform is simple and intuitive. The screen displays vertical images in a 9:16 aspect ratio, which can increase the range of surveillance along the school fence and reduces the number of cameras required.

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