



Sungkyunkwan University Strengthens Campus Security with Motorola Solutions Body-worn Videos

By deploying VB400 body-worn video with real-time intelligence during emergencies, the university ensures personnel safety, streamlines operations and increases efficiency.

The primary reason behind Sungkyunkwan University's decision to introduce body-worn videos was to safeguard their security team.

The impartial video evidence increases transparency and protect them when dealing with acts of aggression or disputes to avoid wrongful accusation or unreasonable penalty.



Client

Sungkyunkwan University

Partner

Sun Communications Co., Ltd

Industry

Education

Solutions

- VB400 Body-worn Video
- Integrated Video Management Solution
 - Video Manager
- Smart Docking Station
- RFID Reader, RFID Card
- MOTOTRBO™ SL1M, R7
- MOTOTRBO™ ION
- WAVE PTX
 - TLK 100
 - EVOLVE



"Security staff mainly work alone during demanding shifts for extended periods on weekends, and they frequently encounter challenging situations during patrols, such as when a stranger approaches with the intention of provoking them. They also have to deal with interest groups holding protests which requires watchful intervention. In such cases, it is essential for them to record video evidence as the situation unfolds, protect their officers, deter retaliation, and ensure the truth is captured if an incident does take place." said a university official. In light of these considerations, Sungkyunkwan University deployed VB400 body-worn video by Motorola Solutions for their security operations in September 2023.

Body-worn videos for security staff safety

"Videos on YouTube of police officers using body-worn videos in other countries justified the need for them," explained the official. Body-worn videos record various situations that operators face in the line of duty and capture unexpected events, providing a basis for objective decision-making. They also help disseminate real-time information during emergencies, so that swift and appropriate action is taken. For these benefits, body-worn videos have become a mainstay in security applications overseas, and the Motorola Solutions VB400 body-worn video selected by Sungkyunkwan University is also a preferred choice for the police force in the United Kingdom and the United States of America.



The VB400 device emerged as our top choice for its superior end-to-end encryption that secures the video data from unauthorized viewing and security interferences.

Additionally, the light-weight and rugged design of the VB400 was advantageous for the convenience of our security staff, which led to our decision with confidence.

- Safety and Security Team Manager,
Sungkyunkwan University

The gold standard for body-worn videos is end-to-end security and ease of use

During their evaluation of the body-worn video, the university's safety and security team manager looked at key factors such as data security and ease of use. He commented, "The VB400 device emerged as our top choice for its superior end-to-end encryption that secures the video data from unauthorized viewing and security interferences. Our security service provider also found the model to be outstanding, meeting all information security requirements and the company's internal policies. Additionally, the light-weight and rugged design of the VB400 was advantageous for the convenience of our security staff, which led to our decision with confidence."

Efficient management of individual video files with an integrated management program

The VB400 body-worn video also won the university's approval for helpful features that fit their routine operations and security demands.

Firstly, the VB400 supports the Peer-Assisted Recording (PAR) function. When multiple body-worn videos are in proximity, the press of the record button on one device triggers the other Bluetooth-connected video devices to start recording immediately. Using this function, the university's security operations team is able to activate their body-worn videos for simultaneous recording within a 5-meter radius. This allows for a more realistic observation of the scene from various angles and distances.



Secondly, video files can be downloaded instantly. Motorola Solutions offers multi-dock chargers that can charge up 14 video devices simultaneously. As soon as a VB400 is docked, any footage stored and encrypted on it is automatically transferred securely to VideoManager, an integrated management program to efficiently store, prepare and share individual video files.

The third advantage is the effective integration of the VB400 body-worn videos with compatible access control RFID cards (or Motorola Solutions RFID cards) provided by its security service provider, thereby significantly streamlines their security operations and video management.

When a security officer tags his or her RFID card onto the body-worn video management card reader, the body-worn video, VB400 that is fully charged and has sufficient storage space available is automatically assigned (displayed). RFID authentication also allows for the specification of who took certain video devices, even if different workers use the same VB400 in turn. The system is configured for real-time live-streaming through the university's Wi-Fi network and can be integrated with a third-party video management system (VMS) to provide control room staff with the ability to monitor and control live-streamed videos from the body-worn videos and other devices.

Body-worn video and radio integration

Satisfied with the performance of the body-worn videos, Sungkyunkwan University is now exploring the operational benefits of connecting the body-worn videos to their MOTOTRBO™ DMR radios which they are already using on the premises. They have recently completed field tests of the integration between the VB400 and Motorola Solutions radio portfolio, including the EVOLVE LTE radio, MOTOTRBO R7 portable and ION smart radios used by their security team on the campus. The objective is to enable real-time response and remote action by making the VB400 body-worn videos and radios work in concert.

"In critical situations, the ability to send alerts from the radio to the VB400 to initiate recording, or to share live-streamed videos with the administrators via the LTE radio or mobile phone, will ensure situational awareness and prompt action. In the event of an accident, real-time sharing and remote action are crucial," explained the university's safety and security team manager.

Recognizing the value of body-worn video VB400, Sungkyunkwan University is leaning toward using them for non-security tasks such as facilities management. With their ease of use and management, rugged design and strong data security, the VB400 body-worn video's multiple ways to connect gives the security team useful insights of the different locations where many facilities are being occupied and used across the campuses.



Advantages of Motorola Solutions' Body-worn Video VB400

- Integrated operation with radios
- Encryption to prevent video file abuse by third parties
- Integrated management program for efficient video file management
- Instant video download
- Peer-assisted recording (PAR)
- Long lasting battery life
- High quality video
- Rugged design





For more information about Motorola Solutions' body-worn video VB400, please visit www.motorolasolutions.com/vb400

