i-view

SUCCESSFUL STORY

SBS Transit is the major bus operator in Singapore, the operating revenue (2018) S$1.38 billion and the number of employees10,239

Challenge:

SBS Transit is the largest public transport operator in Singapore was relying on an outdated security system that could no longer provide the required capabilities for their bus station. An IP-based security platform would help SBS Transit provide better recognition capabilities, the company decided to deploy a new IP solution to provide the safest facility for 7 Bus Stations. These places provide parking for buses after worked time. It is also an important area for the driver to have a short break, and it is an important area for dispatching bus operations. Therefore, complete protection and monitoring is urgent and cannot be interrupted.

▼ The distance between the IP camera and Video recorder is more than a few hundred meters, and the client wants to all the facility in the same control room with the UPS to keep on 2 hours operation when electrical power failed.

▼ Re-cabling the large area bus stations would be extremely costly and take a long time, since their government rule to request the armored cable installation for the public transport area.

▼ Significant disruption security and surveillance cannot accept by bus stations.

▼ The complex upgrade would have to be implemented in phases as the customer wanted to modernize existing cameras, but also expand the system.

Solution:

SBS Transit selected the i-View Ethernet/Power over Coax Extender solutions.   The reasons as are

▼ Deliver the POE Power via stronger Coax cable up to 600 meters (1800 feet) distance, 100% cover the installation area of the project.

▼ Deliver the POE+(50W) Power via existing armored coax cable for PTZ camera connection. (UsedEPoC-131VA + EPoC-131HP-O)

▼ Deliver the IP camera signal and power up to 600 meters (1800 feet) distance, 100%

cover the installation area of the project. (Used EPoC-131VA + EPoC-131PS-O)

▼ Deliver the Gigabyte bandwidth between building via existing coaxial cable, no need the fiber optical cabling. (Used EPoC-151VA + EPoC-151PS)

▼ Easy to maintain by instantly check network signals, link, and power status with smart LED indicators.

▼ IP 66 waterproof housing adapts to the outdoor IP camera site directly, no extra device request.

Result:

By applying simplifying infrastructure requirements, SBS Transit was able to implement over 195 sets IP camera for 7 Bus station. 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.

SBS Transit was extremely pleased with their ability to:–

▼ Save S$135,000 for the project and allow increasing 45 IP cameras (Add about 35% than the initial camera quantity) for the resident of the relatively backward areas.

▼ The bus station none disruption surveillance during update IP camera period.

Product List:

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

EPOC-131VA

EPOC-131PS-O

2. EPOC-151VA + EPOC-151PS (Gigabyte Ethernet/Power over Coax Extender)

EPOC-151VA

EPOC-151PS

3. EPoC-131VA + EPoC-131HP-O (High power Ethernet/Power over Coax Extender).

EPOC-131VA   EPOC-131HP-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/