

Shedding Light on Network Rail Thieves



BOSCH

Invented for life



“The system really works. We can claim a 100% success rate. Since the installation, there have been no repeat incidents of vandalism or cable theft.”

Dave Farman, director of TEW Plus

Customer: Network Rail
Sector: Transportation
Product: AEGIS UFLED White Light Illuminator

Illuminators Assist in Reduction of Thefts

Following a spate of vandalism and incidents of cable theft within various parts of Network Rail’s infrastructure, TEW Plus Ltd instigated a successful eight week trial of an intruder deterrent system using AEGIS White Light LED Illuminators from Bosch Security Systems, Inc.

Problem: Organization Needs a Method for Detering Thefts Day and Night

- Network Rail required a solution to deter vandalism and theft
- System must be effective day and night
- Solution requires reliable performance over time

Solution: AEGIS UFLED White Light Illuminators

- Visible light with 3D Diffuser Technology provides even illumination across the entire scene to enable optimum nighttime color performance of cameras and to enhance the safety of the area
- Constant Light microprocessor ensures a consistent level of illumination throughout the product’s lifetime
- Low power consumption reduces running costs, a critical factor when multiple illuminators are required
- Compact size enables flexible mounting options

Results: Diminished incidents of vandalism and theft for Network Rail

- During the day, intruders are detected by sensors that trigger a loudspeaker to issue a stern warning to trespassers to leave the site
- At night, sensors trigger the powerful AEGIS UFLED White Light Illuminators to flood the scene with visible light
- Day/night camera captures color images of the action and sends a text alert and emails images over the mobile phone network to alert that there is an intruder



The cameras and AEGIS UFLED White Light Illuminators are housed in imposing yellow boxes.

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