

Derwent's White Light Illuminators Tackle Network Rail Thieves

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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 Derwent new AEGIS White Light LED illuminators. The recent acquisition of security lighting specialists Derwent by Bosch Security Systems has allowed Bosch to expand its already extensive CCTV portfolio to satisfy and even wider range of applications and needs.

During the day intruders are detected by sensors which trigger a loudspeaker to issue a stern warning to trespassers to leave the site. However, at night the sensors trigger the powerful AEGIS UFLED White Light illuminators, which flood the scene with visible light. A day/night camera captures a colour image of the action and sends a text alert and emails pictures over the mobile phone network to alert that there is an intruder.

Dave Farman, Director of TEW Plus says: "The system really works. We can claim a 100% success rate. Since installation there have been no repeat incidents of vandalism or cable theft."

Derwent's new AEGIS UFLED White Light illuminators feature (patent pending) Constant Light technology, designed to compensate for LED degradation, which results in reduced light output, grainier image quality and reduced illumination range. Constant Light automatically controls and adjusts light output to deliver a constant level of lighting performance for the life of the illuminator, making AEGIS the ideal solution for remote locations like railway lines and transportation hubs.

The cameras and AEGIS UFLED White Light illuminators are housed in imposing yellow boxes. On board power regulation means the units can be powered direct from any 12/24 V AC/DC power supply, without the need for a separate PSU for quicker, neater, night-time installations. The reduced power consumption equals lower running costs, a critical factor

when multiple illuminators are required and a greener, more environmentally friendly lighting solution.

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The acquisition of the Extreme CCTV Group which includes Derwent and Forward Vision CCTV by Bosch Security Systems allows Bosch to expand its already extensive CCTV portfolio to satisfy and even wider range of applications and needs.

The Bosch Group is a leading global supplier of technology and services. In the areas of automotive and industrial technology, consumer goods, and building technology, some 280,000 associates generated sales of 45.1 billion euros in fiscal 2008. The Bosch Group comprises Robert Bosch GmbH and its more than 300 subsidiaries and regional companies in over 60 countries. If its sales and service partners are included, then Bosch is represented in roughly 150 countries. This worldwide development, manufacturing, and sales network is the foundation for further growth. Each year, Bosch spends more than 3.5 billion euros, or eight percent of its sales revenue, for research and development, and applies for over 3,000 patents worldwide. With all its products and services, Bosch enhances the quality of life by providing solutions which are both innovative and beneficial.