

PERIMETER PROTECTION

Exterior Surveillance of Logistics Centers

All-in-One Solution with PoE and IP-supported Network Interface Boxes

Perimeter protection:
A Slat Synaps PoE 3E
P2 with a 2-port
Ethernet switch and
fiber-optic media
converter is supplying
and buffering
Axis fixed bullet
cameras here

In January 2019, the storage halls of the largest logistics facility in France were opened. A chain of furniture shops has built its warehouse in XXL format in Tournan-en-Brie in the département of Seine et Marne, to the east of the capital Paris. The company, whose furniture shops can be found in various European countries, counts among the largest of this type in Europe. Here is an article from Frauke Petzold, Marketing and Communication Manager at Slat GmbH.

With an area of 200,000m² on 33ha of land (800m long and 250m wide), the center is as large as 28 football fields. The planners and investors are particularly proud of the "Very good" accreditation by Breeam, a British sustainability certificate (British Research Establishment Environmental Assessment Method). The certificate takes into account the whole lifetime of a building. With a warehouse capacity of 270,000 pallets, the center will cover the total logistics needs of the company's furniture stores and also the

e-commerce division in northern France, and simultaneously optimize the delivery times.

Danger Recognition, Surveillance of the Unloading Zone, Perimeter Protection

A logistics project of this scale requires a comprehensive security concept. In this case, the surveillance of the perimeter fence, the access roads, the truck unload-





Danger recognition: A Slat Synaps 24V 3E IP with a built-in 60W high PoE injector and a fiber-optic media converter supplying and buffering moveable Axis dome infra-red cameras

Pelco

ing ramps and reliable danger detection played a prime role. Cameras would be fixed on the already existing lighting masts at regular intervals and at all strategically important points. But to be absolutely sure and to cope with power failure as well as short power interruptions, the customer demanded a 15 minute long power backup of the camera systems that would ensure continuity of the video recording.

Solutions

For the uninterrupted surveillance of the truck unloading areas and the perimeter security of the extensive open area, the choice made by the installers was a PoE fixed bullet camera from Axis, which would be supplied and supported by a Slat Synaps PoE 3E-P2 solution. The Synaps Outdoor box (IP65/IK10) with a factory-installed and integrated micro DC-USV (LiFePO4 battery technology/ten year life), an uninterruptible 2-port Ethernet switch and secure web server connection (SNMP V1&V3, HTTPS, BACnet IP) provided enough space to include a fiber-optic media converter to bridge longer distances.

And for the systems that would provide certain recognition of dangerous situations to avoid false alarms with expensive consequences, moveable, dome infrared cameras from Axis were installed. In this case, the Synaps 24V 3E IP with an additional 60W high PoE injector and fiber-optic media converter integrated by the manufacturer was ideal for the supply and security solution. This all ensures the continuity of the remote-controlled video recordings to capture serious and potentially dangerous situations in real time. The subsequent

installation of the Synaps boxes on the lighting masts was quick and without problems, thanks to their compact dimensions (200x300x150mm) and the manufacturer-supplied mounting and anti-vandal accessories.

Completely CE Certified

More than 100 outdoor network interface boxes of the Synaps range by Slat were installed, distributed over the entire premises, together with dome infra-red and fixed bullet cameras from Axis. For the installer, the Synaps solution was ideal because it could easily meet the customer's minimum required sustained time period, and they saved a lot of time by not having to find and fit the individual components themselves. Slat provided a security package that not only included a high-quality, tailored and all-in-one network interface box, but was also completely CE-certified. This represented real added value for the installer as he could deliver a quality solution and still use his time for other profitable projects.

CONTACT

Slat

Lyon, France

Tel.: +33 4 7866 6363

comm@slat.fr

www.slat.com