

ADVANCED SMOKE DETECTION FASHIONED FOR SUCCESS

World-class fashion retailer Mango selects VESDA-E smoke detectors to protect new logistics center.

Case Study

**OSCAR ARIAS,
CONSTRUCTION
MANAGING DIRECTOR,
MANGO:**

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Honeywell

MORLEY & IAS
FIRE SYSTEMS

OVERVIEW

Mango, a major international fashion brand of women's and men's clothing and accessories, has selected VESDA-E smoke detectors to protect its massive new logistics center, located north of Barcelona, Spain. Mango attributes its success to three core elements – concept, team, and logistics. To ensure business continuity and logistics excellence, Mango selected VESDA-E for fire protection in its flagship logistics center.



THE CHALLENGE

Mango began building the logistics park in 2014 at Lliçà d'Amunt to serve its rapidly growing global operations. The center, which represents an investment of 360 million euros, was completed in the summer 2015, with the platform coming into full service in January 2016. The new logistics centre occupies an area of 395,000 square meters, and incorporates the latest technological logistics tools, robotics, and fire prevention with 200+ VESDA-E detectors. Mango selected Cotein Fire for the installation.

THE SOLUTION

"The ultra-sensitivity of VESDA-E combined with very long pipe runs to provide wide areas of protection is the right choice for the Mango logistics centre," commented Oscar Arias, Construction Managing Director with Mango. "VESDA-E is able to provide the very best in protection for our world-class facility. This project uses fewer detectors to cover a very wide area packed with valuable assets. The high ceilings and airflow also provided challenges that VESDA-E was able to solve. Mango logistics are best-in-class and when it came time to select fire protection, VESDA-E was the natural choice," added Oscar.

The new Mango logistics center employs state-of-the-art technologies to efficiently inventory and ship the world-class brand. However, with a massive area to protect, ceiling heights of 46 meters, and high airflow, smoke detection and fire prevention to protect the valuable commodities posed a

unique challenge. Zettler, a leading European safety system integrator, worked closely with Xtralis to deliver the VESDA-E VEU solution, which exceeded all requirements.

THE OUTCOME

The VESDA-E series of aspirating smoke detectors are the new generation of VESDA ASD. With sensitivity up to 15 times greater than VESDA VLP, the world's leading aspirating smoke detector, and provisioning for considerably longer linear and branched pipe networks to protect wider areas whilst allowing convenient mounting for ease of access and maintenance, VESDA-E is the ideal solution for maximum protection in a wide range of applications. A single VESDA-E detector can protect up to 2,000m² with much greater sensitivity and reliability than any detector on the market.

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