

SURVEILLANCE PROTECTS OPERATIONS ON MOUNT ETNA

When you operate a cable car system on Europe's most active volcano, it helps to see what's happening at all times – which is why Funivia dell'Etna relies on Honeywell 60 Series IP Cameras

Case Study

“Honeywell provided great support throughout the project, helping us choose and configure the right products for an unusual site. Our client has been very happy with the 60 Series cameras. They are very durable, with excellent visibility that's easy to control.”

FEDERICO CASCONI
Installations Director
EL.IT srl

Honeywell

SECURITY ALSO MEANS OPERATIONAL SAFETY

For more than 50 years on Italy's island of Sicily, the Mount Etna cable car has taken tourists up the slopes of one of the world's most active volcanos where they can hike to the crater for spectacular views of geology in action.

So when Funivia dell'Etna asked their engineering consultants for a reliable way to monitor nearly 2 kilometers of cables and equipment amidst hazardous conditions, the answer was clear: Honeywell.

THE NEEDS

- Needed a way to view the safety of nearly 2 km of cables, towers, and cars, as well as visitors and stations
- High-resolution, zoomable visuals with wide coverage and range
- Wireless connectivity for easier installation and configuration
- NEMA 4X rating for rugged outdoor protection against dust, water, corrosion



THE SOLUTION

When you operate atop a volcano, hazards aren't just a possibility – they're a given. Mount Etna has damaged and destroyed tourist facilities of all types on many occasions over the decades, so for Funivia dell'Etna, operational safety and real-time awareness are top priorities.

They wanted surveillance to monitor cables, cars, and stations, but the unique environment calls for cameras with unique reliability: Easy to set up and use, while handling rugged conditions with minimal maintenance.

EL.IT, their engineering consultants, recommended Honeywell 60 Series IP Cameras. The outdoor bullet and speed dome models are sealed against dust, water, and corrosion, with very high impact resistance, making them more than rugged enough for daily operating conditions.

The cameras also provide exceptional visual clarity and coverage.

For instance, the bullet cameras transmit high-definition video at minimal bandwidth, using a 5–50 mm lens with motorized focus and zoom, plus adaptive infrared for true day/

night views – helping operators keep sharp visibility in almost any conditions. Honeywell 35 Series Network Video Recorders (NVRs) also securely store video for easy search and review.

EL.IT found the cameras easy to configure via Wi-Fi, and with a user interface that supports numerous languages, they've been easy for Funivia dell'Etna operators to learn and use.

The result: Funivia dell'Etna is delighted with their crisp views of the full cable-car system – so that visitors can continue to safely experience Mount Etna's volcanic grandeur in person.

THE BENEFITS

- High-quality visuals with wide coverage and zoom range helps monitor the 2 km system for safety in almost any lighting and weather
- Built-in video analytics help operators maintain heightened awareness
- Very rugged design helps cameras remain operational even under Mount Etna's demanding conditions (rated NEMA 4X, IP67, and IK10)
- Wi-Fi and multilingual support simplify setup, use, and maintenance

Get a clear view of safety and security, with Honeywell

For more information

www.security.honeywell.com/

Honeywell Building Technologies

Building 5, Carlton Park
King Edward Avenue, Narborough,
Leicester LE19 0LF
Tel: +44(0)1163500714
www.honeywell.com

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