

# Extreme in Action: Cameras Deliver Lightning Proof Performance



**BOSCH**

Invented for life



“The WZ18 cameras are a lot more robust than what we used previously, and we have not had even a single outage despite our frequent lightning storms. They also deliver great imaging performance day and night. I am very pleased overall.”

President, Fortune 500 Company

**Project:** Estate Homes  
**Sector:** Residential  
**Product:** WZ18 Integrated Day/Night High-res Bullet Camera



The CEO of a multi-billion Fortune 500 company values the WZ18 for its excellent electrical robustness. While conventional cameras were ruined by lightning storms on a weekly basis, not a single WZ18 camera has failed due to voltage overload.

## Cameras Deliver Lightning Proof Performance

Popular brands of all-weather bullet cameras were experiencing weekly failures at two residential estates of a Fortune 500 President. Despite the presence of lightning rods, the cameras could not survive current spikes caused by lightning storms. The cameras suffered irreversible electrical damage and needed replacement, resulting in increased costs, system downtime and compromised security. The President decided to replace all 64 cameras with WZ18 IR Bullet cameras from the Bosch Extreme CCTV series. Designed for robustness in extreme weather, the WZ18 cameras have delivered excellent 24/7 performance in the months following . . . without a single failure caused by voltage overload.

### Problem: Cameras Can't Weather the Storm

- Popular bullet cameras damaged by electrical arcing during lightning storms
- Extreme susceptibility to electrical pulses
- Lightning storms resulting in weekly camera replacements and repairs
- High maintenance costs, system downtime and compromised security

### Solution: WZ18 Delivers Robust Performance

- Robustly designed voltage regulation
- Engineered for protection against arcs and overloads
- Reliable performance through lightning storms and voltage surges
- Designed to IP66 for surveillance in harsh weather
- 24/7 performance day and night

### Results: Surveillance that Works

- Lowered operation and maintenance costs
- Longer operational lifetime of cameras
- Uncompromised 24/7 surveillance under extreme weather
- Excellent day-night imaging of the various assets at the residential estates, including horse stables, swimming pools and guest homes

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