



## ERA sets the security standard for smart camera and alarm systems through the ultimate mark of trust – BSI Kitemark™ certification



ERA is a leading provider of home security solutions. Established in 1838, today its portfolio ranges from traditional window and door locks to its sophisticated, internet-enabled ERA Protect camera and alarm systems.

ERA is among the first companies to achieve BSI Kitemark certification for IoT devices (Residential) and also holds the BSI Kitemark for Secure Digital Applications for its camera and alarm systems, reassuring customers of their cybersecurity.

The Internet of Things (IoT) is a network of connected smart devices and systems that enable data to be exchanged to provide innovative

services. While IoT enhances lives and businesses, its complexity also means that criminals may attempt to breach its security to steal data, hack cameras or enter buildings.

ERA has set the highest cybersecurity standard for its connected camera and alarm system by achieving BSI Kitemark certification for IoT devices (Residential) and BSI Kitemark for Secure Digital Applications. The certification gives installers and users of the ERA Protect product range a high level of confidence, showing that the camera and alarm systems have been through thorough security and compliance testing.

BSI's rigorous certification process enables ERA to build trust with customers by providing independent verification of the cybersecurity of its camera and alarm systems, setting them apart in a competitive market.



Find out more: [bsigroup.com](https://www.bsigroup.com)

**ERA**  
Total Security

ERA Home  
Security Ltd.

**“Consumers can be sceptical about the security of emerging technologies. Smart cameras and alarms are a new category of products that need security certification because consumer trust is fundamental. BSI Kitemark certification gives users the reassurance they need that their ERA Protect camera or alarm system is going to perform the job they want it to, without compromising the safety of their systems and data.”**

Jey Jeyasingam, Chief Technology Officer, ERA



## Client challenge

ERA is well known for the quality of its traditional locks and hinges. In parallel with this rich heritage, it has built the advanced IoT capability required to develop sophisticated home security solutions.

Crucially, ERA realized that, with the rapid growth of Internet-connected devices, cybercrime is a growing concern, leaving consumers reluctant to buy products that they fear might be insecure. ERA needed to provide evidence of security to cement customers' faith in its new ERA Protect range by demonstrating that these smart devices are among the world's most advanced and secure.

## BSI solution

BSI has been part of government-led work to give clarity on best practice for IoT security, subsequently developing a scheme to assess IoT devices. This scheme

forms the security element of BSI Kitemark certification for IoT devices.

BSI's Enhanced Level IoT Kitemark certification offered the perfect solution for the sophisticated ERA Protect range. It demonstrates that a connected product has a high level of security controls in place, helping buyers identify the IoT devices they can trust.

BSI has a world-class cybersecurity capability, recognized by CREST global accreditation, combined with decades of experience in product testing and assurance. Operating in its state-of-the-art IoT laboratory, BSI's highly skilled team rigorously tested ERA's camera and alarm systems to ensure their compliance with the highest standards of IoT security design practice.

The ERA Protect range achieved Kitemark certification for IoT devices (Residential) in 2019, demonstrating that it is suitably secure, protecting users' data and privacy from likely cyber risks.

## Why BSI?

Jey Jeyasingam, ERA's Chief Technology Officer, comments: "Kitemark certification is highly respected and by displaying the BSI Mark of Trust on our products it means that customers can have complete confidence in ERA Protect products."

