

## A note on Standards

Ciqurix believes firmly in 3<sup>rd</sup> party accreditation of products, especially of critical safety products like video fire detection. It is however impossible to accredit a product unless there are applicable, recognised, published, Standards against which to test and approve the product(s).

Video fire detection, including video flame detection, is a rapidly evolving and developing technology, and it is widely acknowledged that Standards have not kept pace. Ciqurix, together with other manufacturers in the sector, and the Fire Industry Association, has been working with the Building Research Establishment since April 2021 to jointly develop a Loss Prevention Standard. This has recently been published by the Loss Prevention Certification Board (LPCB) and the Ciqurix XFP video flame detectors will be the first products to be accredited.

Ciqurix has designed the entire CORE product family to meet the relevant performance criteria of the following Standards:

### *Product Standards:*

**LPS1976** Loss Prevention Standard (LPCB) for Video Flame Detection. Accreditation in progress.

**BS EN 54** a suite of normalised European Standards for the component parts of fire detection and fire alarm systems, specifically:  
Part 2 (control and indicating equipment)  
Part 4 (power supplies)  
Part 10 (flame detectors)

### *Installation Standards:*

**BS5839-1** Design, installation, commissioning and maintenance of fire alarm systems.

This acknowledges the lack of recognised product Standards for video fire detection whilst specifically allowing their use in the UK as primary/sole means of fire detection, and places reliance instead on manufacturers' guidance.

The Ciqurix CORE system incorporates features which enable the installed system to be designed, installed and commissioned against BS5839-1 (e.g. 24+ hours battery backup, terminations for fire-resistant cabling, etc).

Within the UK, Ciqurix recommends that the CORE system is installed and maintained by a competent organisation with 3<sup>rd</sup>-party accreditation e.g. to BAFE SP203 or LPS1014.

*Information last updated 1<sup>st</sup> September 2024*