EC & UKCA DECLARATION OF PERFORMANCE

No: 210054

CE 21 0905

UKCA 21 0359

This declaration was compiled following the provisions of EU Construction Products Regulation CPR No.305/2011 & UKCA SI 465/2019

EV- PYSVAD – Beacon Base for use with EV-PYS Detector

Part numbers: F16-82150

Manufacturer: BeiSuSmart Technology Co., LTD A3-301 ,Zhong ke Innovation Center building, City of Science and education Changzhou, Jiangsu, P.R China,213164

We, Nittan Europe Limited of Hipley Street, Old Woking, Surrey GU22 9LQ England, declare that the above listed products comply with the following:

Standard EN54-23: 2010, Fire Alarm Devices - Visual Alarm Devices.

EMC Directive 2014/30/EU & Electromagnetic Compatibility Regulations 2016 UK

RoHS Directive (EU) 2015/863 & Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 UK

Low Voltage Directive (LVD) 2014/35/EU & Electrical Equipment (Safety) Regulations 2016 UK

The intended use for the construction product is Fire Detection and Alarm Systems.

90789 Intertek Deutschland GmbH, StangenstraBe 1, 70771 Leinfelden-Echterdingen Notified body No. 0905, have conducted Type testing and Factory Production Control Inspection in accordance with System 1, as set out in the CPR, and issued an EC Certificate of Constancy of Performance 0905-CPR-210054

Intertek UK, Cleeve Road, Leatherhead, Surrey, KT22 7SA Notified body number 0359, have issued the UKCA certification 0359-UKCA CPR-00052 in accordance with UKCA SI 465/2019.

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Declared Performance:

Visual Alarm Device Type / Colour	WHITE LED	EN54-23: 2010
Mounting Type	Ceiling Mount Detector Base	
VAD Coverage Volume	C 3.0-5.0 / 60m^3	

Essential Characteristics	**Performance**	**EN54-23:2010 Clauses**
Operational reliability:		
Duration of operation	Pass	4.2.1
Provision for external conductors	Pass	4.2.2
Flammability of materials	Pass	4.2.3
Enclosure protection	Pass	4.2.4
Access	Pass	4.2.5
Manufacturer's adjustments	Pass	4.2.6
On-site adjustment of behaviour	Pass	4.2.7
Requirement for software controlled units	Pass	4.2.8
Performance under fire conditions		
Coverage volume	Pass	4.3.1
Variation of light output	Pass	4.3.2
Minimum and Maximum light intensity	Pass	4.3.3
Light colour	White	4.3.4
Light temporal pattern & Flash Frequency	Pass 0.5 Hz	4.3.5
Marking	Pass	4.3.6.1
Data	Pass	4.3.6.2
Synchronization (option with requirements)	N/A	4.3.7
Reproducibility	Pass	5.1.7
Duration of operation	Pass	5.2.1
Enclosure protection	Pass	5.2.4
Coverage volume	Pass	5.3.1
Variation of luminous intensity	Pass	5.2.3
Synchronisation	Pass	5.3.7
Dry heat (operational)	Pass	5.4.1.1
Dry heat (endurance)	N/A	5.4.1.2
Cold (operational)	Pass	5.4.1.3
Damp heat, cyclic (operational)	Pass	5.4.2.1
Damp Heat, steady state (endurance)	Pass	5.4.2.2
Damp Heat, cyclic (endurance)	N/A	5.4.2.3
Shock (operational)	Pass	5.4.3.1
Impact (operational)	Pass	5.4.3.2
Vibration (operational)	Pass	5.4.3.3
Vibration (endurance)	Pass	5.4.3.4
SO^2 corrosion (endurance)	Pass	5.4.4
EMC Immunity (Operational)	Pass	5.4.5

Robert Barnes
Quality Manager
4th June 2021

NITTAN
Nittan Europe Ltd
Hipley Street
Old Woking
Surrey. UK
GU22 9LQ

Nittan Europe Ltd, Hipley Street, Old Woking, Surrey GU22 9LQ England
Tel: +44 1483 769555 Fax: +44 1483 598506 Web: www.nittan.co.uk