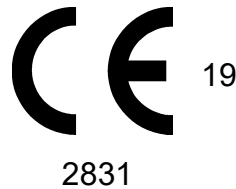


# NITTAN

## EC & UKCA DECLARATION OF PERFORMANCE

No: F2439



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

**EVC-IR** – Conventional Class 1 Infrared Flame Detector

**Part number:** F04J60044

**Manufacturer:** Nittan Company Ltd, Otone Factory, 563-6, 1-Chome, Toyonodai, Kazo, Saitama, Japan

We, Nittan Company Limited of 54-5, 1-Chome, Sasazuka, Shibuya-ku, Tokyo, Japan declare that the above listed product complies with the provisions of the following:

Standard EN54-10:2002 + A1:2005, Flame detectors - Point detectors.

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 2014/35/EU & Electrical Equipment (Safety) Regulations 2016 UK

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

BRE Global Assurance (Ireland) LTD, DCU Alpha, Old Finglas Road, Glasnevin, Dublin, D11 KXN4, Ireland, Notified body number 2831, 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 2831-CPR-F2439.

BRE Global Assurance UK LTD, Bucknalls Lane, Watford, Hertfordshire, WD25 9XX, Notified body number 0832, have issued the UKCA certification 0832-UKCA CPR-F0042 in accordance with UKCA SI 465/2019.

# NITTAN

## EC & UKCA DECLARATION OF PERFORMANCE

No: F2439

Declared Performance:

Technical Characteristics	Performance	Harmonised Specification
Operating Voltage	10 V d.c. to 32 V d.c.	EN54-10: 2002 + A1: 2005
Quiescent Current	100 $\mu$ A	
Alarm Current (Including Indicator)	50 mA	
Remote LED Indicator Current	2 mA	
Operating Temperature	-10°C to +55°C	
Relative Humidity	$\leq$ RH 95%	
Dimensions	$\varnothing$ 104mm x 29mm	
Mass	130 g	
Sensor Method	CO2 Resonant Emission, Flickering, Dual Wavelength	EN54-10: 2002 + A1: 2005
Sensor Element	2 x Infrared Wavelength sensors	
Sensor Class	Class 1	
Sensor Viewing angle	100° Max ( $\pm$ 50°)	
Charging Time	30 sec	
Fire Sensitivity (n-heptane)	PASS	
Fire Sensitivity (Methylated spirits)	PASS	

Junichi Murata  
Executive Officer  
15th June 2021

