

<b>NITTAN</b>	<b>EVOLUTION</b>	TD-EVC-IR-04
	EVC-IR Conventional Dual Infra-Red Flame Detector	May 2009
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<b>TECHNICAL DATASHEET</b>		

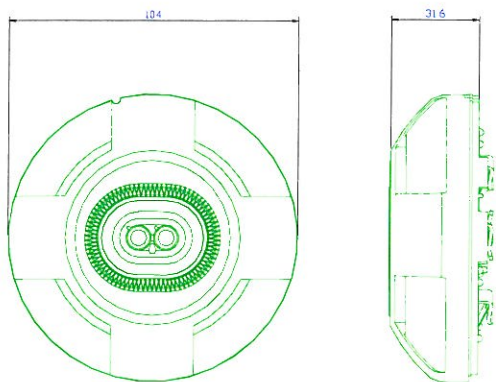
**Part Numbers and Product Order Codes:-**

<b>Part Number</b>	- - - - -	EVC-IR
<b>Description</b>	- - - - -	Conventional Dual IR Flame Detector
<b>Computer Reference Number</b>		
<b>Nittan Standard</b>	- - - - -	F04J60044

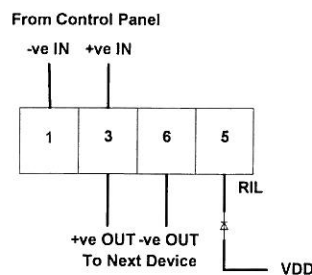
**Technical Specifications:-**

<b>Sensor Method</b>	- - - - -	CO2 Resonant Emission, Flickering ,Dual Wavelength
<b>Sensor Element</b>	- - - - -	2 x Infrared Wavelength sensors
<b>Sensor Class</b>	- - - - -	Class 1(25m), Class 2(17m), Class 3(12m)
<b>Operating Voltage</b>	- - - - -	10V d.c. to 32V d.c.
<b>System Voltage</b>	- - - - -	24V d.c.
<b>Quiescent Current</b>	- - - - -	100µA
<b>Alarm Current</b>	- - - - -	50mA @ 24v
<b>Sensor Viewing Angle</b>	- - - - -	100° Max (±50°)
<b>Current for external remote LED indicator</b>	- - - - -	2mA
<b>Operating Temperature</b>	- - - - -	- 25°C to +70°C
<b>Storage Temperature</b>	- - - - -	- 25°C to + 70°C
<b>Charging Time</b>	- - - - -	30sec
<b>Relative Humidity</b>	- - - - -	≤ RH95% non-condensing.
<b>I.P. Protection Rating</b>	- - - - -	<b>IP42 / IP52 – TBD by Marine tests</b>
<b>Material</b>	- - - - -	ABS/PC alloy
<b>Dimensions</b>	- - - - -	Ø104mm x 29mm (Sensor head) Ø104mm x 45mm (Sensor head and UB Series Base)
<b>Mass</b>	- - - - -	127g (Sensor head) 186g (Sensor head and UB Series base)
<b>Approval Conformance</b>	- - - - -	EN54-10: 2002/A1:2005.
<b>CE Certificate number</b>	- - - - -	0832-CPD-XXXX

**EVC-IR Dimensions**



**EVC-IR Terminal connections**



**Base : UB Series Base  
STB-4SE Series Base**