

# Scantronic wired and radio dual tech detection



An internal detector with dual technology detection utilising a combination of PIR and microwave sensors, for use in domestic and commercial installations.

These grade 2 detectors use a combination of PIR and microwave detection technology to provide greater tolerances to changing environmental conditions. Available in both wired and radio variants, these detectors link seamlessly into the Eaton security system in terms of function, style and reliability. Pet tolerant variants are also available in wired and radio from.

The use of standard AA batteries for the radio variant reduces service complexity while maintaining typical battery life of two years.

## At a glance...

- Combined passive infra-red and K-band 24GHz microwave detector
- Selectable FSL resistance values
- Adjustable microwave detection range
- Walk test input to enable LEDs
- Radio and wired options offering flexibility during installations
- Compatible with relevant Scantronic and Menvier ranges
- Radio variant typically gives 2 years battery life from 3 x standard AA batteries

Product specification - Radio

<b>Product codes:</b>	DEF-RDT-G2 Radio Dual Tech DEF-RDTP-T-G2 Radio Dual Tech Pet tolerant
<b>EN50131 grade:</b>	2
<b>Environmental class:</b>	II
<b>Coverage (m):</b>	12m x 90 degree
<b>Mounting height:</b>	2.0 -2.4m
<b>Microwave frequency:</b>	K-band 24.15 to 24.25GHz @ +16dBm
<b>Radio range:</b>	Up to 800m in free space
<b>Battery:</b>	3 x AA Alkaline
<b>Typical battery life:</b>	2 Years
<b>Pet tolerance:</b>	25kg (PT version)
<b>Dimensions:</b>	(WxHxD) 55 x 115 x 55 mm
<b>Operating temperature:</b>	-10 degree C to 55 degree C
<b>Weight:</b>	160g

Product specification - Wired

<b>Product codes:</b>	DEF-WDT-G2 Wired Dual Tech DEF-WDTP-T-G2 Wired Dual Tech Pet tolerant
<b>EN50131 grade:</b>	2
<b>Environmental class:</b>	II
<b>Coverage (m):</b>	12m x 90 degree
<b>Mounting height:</b>	2.0 -2.4m
<b>Microwave frequency:</b>	K-band 24.15 to 24.25GHz @ +16dBm
<b>Input voltage:</b>	9 - 16 VDC
<b>Current consumption:</b>	10mA min, 20mA max
<b>Wiring type:</b>	4 wire CC, 2k2/4K7, 2K2/2K2, 4K7/4K7, 1K1/1K1(selectable)
<b>Pet tolerance:</b>	25kg (PT version)
<b>Dimensions:</b>	(WxHxD) 55 x 115 x 55 mm
<b>Operating temperature:</b>	-10 degree C to 55 degree C
<b>Weight:</b>	120g

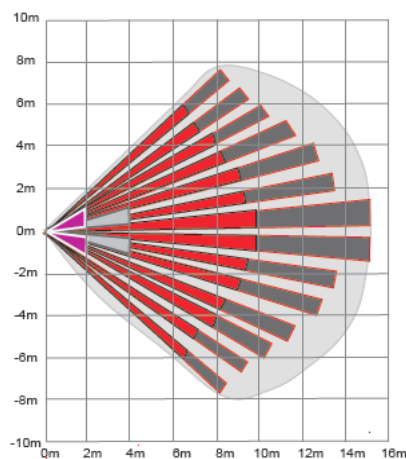
Compatible products

<b>762</b>	2 channel narrow band receiver
<b>768 &amp; 769</b>	8 - 32 channel narrow band receiver
<b>EXP-R10</b>	10 zone radio expander
<b>EXP-R30</b>	30 zone radio expander
<b>All current Eaton security control panels</b>	

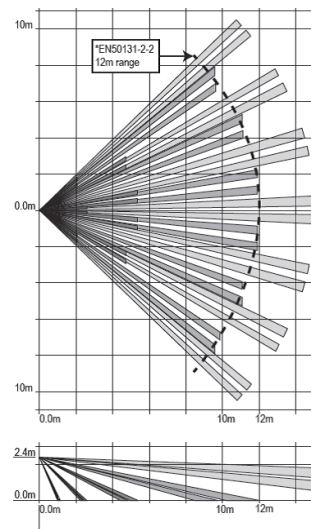
Compatible products

<b>All current Eaton security control panels</b>
--

VOLUMETRIC PLAN VIEW 15M



I.R. Range



**Eaton**  
Electrical Sector EMEA  
Route de la Longeraie 7  
1110 Morges, Switzerland

**Eaton**  
Security House,  
Vantage Point Business Village,  
Mitcheldean, Gloucestershire  
GL17 0SZ