![Ampac logo]

**Fire detection and evacuation solutions that save lives.**

# VXB-VC Ceiling VAD Beacon

## Features

- 1 Hz Flash rate
- White flash C-3-8, Red flash C-3-7 coverage
- Shallow body IP21C and deep body IP65C
- Unique twist & lock bayonet mounting
- Body colour options - Red and White
- Removal cover on deep base for surface wiring
- Designed to work with conventional alarm circuits
- Base locking mechanism
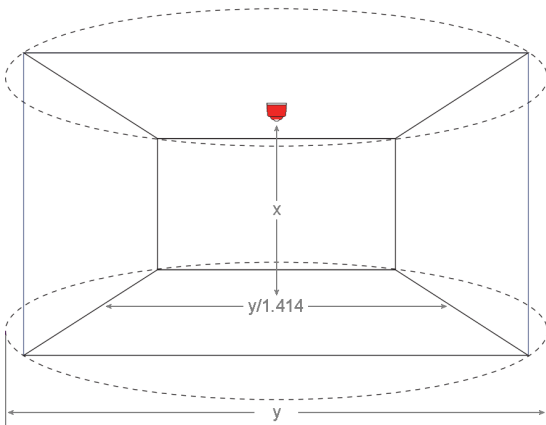- Synchronisation between devices



## Description

The VXB-VC ceiling mount Visual Alarm Device (VAD) beacon is part of the Vantage family of products and has been designed for fire alarm system applications.

The Visual Alarm Device (VAD) are available in white or red flash and have been approved at 1 Hz flash rate at C-3-8 (white flash) and C-3-7 (red flash) coverage range. A switch selectable 0.5Hz flash rate with C-3-4 coverage is also available.

The VXB-VC is available with red or white body incorporating a shallow or deep mounting base.

## Coverage Volume



X – The maximum height at which the device may be mounted

Y – The diameter of the cylindrical volume covered when the device is mounted to the ceiling at a height of 3 metres

C-3-8 Volume coverage calculation for is
$$\pi \times (8 \div 2)^2 \times 3 = 151m^3$$
Floor area coverage is 8/1.414 = 5.65m²

C-3-7 Volume coverage calculation for is
$$\pi \times (7 \div 2)^2 \times 3 = 115m^3$$
Floor area coverage is 7/1.414 = 4.95m²

## Specifications

| | |
|---|---|
| **Voltage** | 18 to 30Vdc |
| **Current consumption (24 Vdc)** | 25mA (7m & 8m flash rate) 15mA (4m flash rate)* |
| **Flash rate** | c.1 Hz 0.5Hz* |
| **Beacon coverage** | C-3-8 white flash C-3-7 red flash C-3-4 white & red flash* |
| **Temperature range (°C)** | -20°C to + 70°C |
| **Monitoring** | Reverse polarity |
| **Protection rating (AS7240-3) (BS EN60629)** | IP21C (shallow) IP33C (deep) IP65C (deep body) |
| **Dimensions** | Ø 94mm x 68mm D (shallow) Ø 94mm x 86mm D (deep) |
| **Boxed weight (kg)** | 0.22 (shallow) 0.25 (deep) |
| **Body colour** | Red or White |
| **Flash colour** | Red or White |
| **Sounder type** | Type A |
| **Approval** | AS7240-23:2014 |

\* Non-approved settings

## Item Numbers

| | |
|---|---|
| **4107-1101** | VXB-VC White Flash Shallow White Body |
| **4107-1102** | VXB-VC White Flash Deep White Body |
| **4107-1103** | VXB-VC Red Flash Shallow White Body |
| **4107-1104** | VXB-VC Red Flash Deep White Body |
| **4107-1105** | VXB-VC Red Flash Shallow Red Body |
| **4107-1106** | VXB-VC Red Flash Deep Red Body |
| **4107-1107** | VXB-VC White Flash Shallow Red Body |
| **4107-1108** | VXB-VC White Flash Deep Red Body |