



Visitor Counter

Manual

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Safety Guide

Please observe the following when installing this device

Warning

- This product is not designed to be resistant to moisture or excessive dirt/dust. When deciding on a suitable installation point ensure there is reasonable protection from environmental damage.
- Do not place the unit in direct sunlight for prolonged periods as this may cause the product to overheat
- Disposal of old electrical equipment please follow the guidelines associated with your country/territory or ship the unit back to blackbox-av and we will dispose/recycle the unit. The symbol on the left indicates that this product shall not be treated as household waste. Instead it shall be handed to applicable collection point for the recycling of electronic equipment. If you dispose of the unit correctly you will be helping prevent future harm to the environment which is caused by poor waste management of this type of equipment. Follow the battery removal guide before disposing of the item and dispose of them separately.

Precautions of Use

- If storing the unit for long periods of time, it is recommended that you remove the batteries to avoid damage through leaking. Leaking or damaged batteries might cause acid burns when in contact with skin, therefore use suitable protective gloves to handle corrupted batteries.
- Do not operate the unit below -10 or above 50 degrees Celsius. Battery performance will be affected by colder temperatures. Do not bring the unit from a very cold environment to a warm environment without allowing it time to acclimatise as condensation may affect its operation.
- The batteries must be kept out of reach of children. Do not leave the batteries lying around, as there is risk, that children or pets swallow it.

Warranty

blackbox-av provides a 12 month warranty with this product

Your new Visitor Counter

In the Box

1. 1 x Visitor Counter
2. 1 x Precision Screwdriver
3. 1 x Reset Pin
4. 3 x AA Alkaline Batteries
5. 1 x CR1220 Battery
6. User Manual

Visitor Counter

The Visitor Counter is a battery powered device which uses PIR to detect when people walk by. It should be installed by visitor choke points via the available fixing wings to a flat surface out of reach but with a clear line of sight.

First time Setup

The Visitor Counter is an all-in-one unit which is ready to use straight out of the box. The unit is constantly on with the included batteries providing power for up to 2 years.

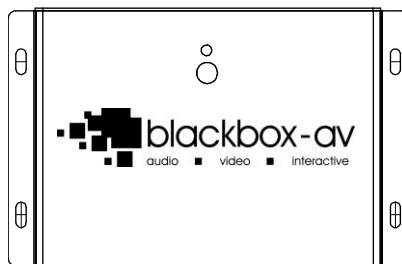
Installation Guide

At the heart of the Visitor Counter is a PIR sensor. The sensor detects a difference in temperature from the ambient level and a high level such as body heat. So if a person passes in front of the sensor this will be detected and a count shall be added. Its important to install the unit in a space where there is good directional flow of people such as an entrance to an exhibit. If there is a large group of people together the sensor may see this as 1 count so if the entrance is narrow this will help the count figures.

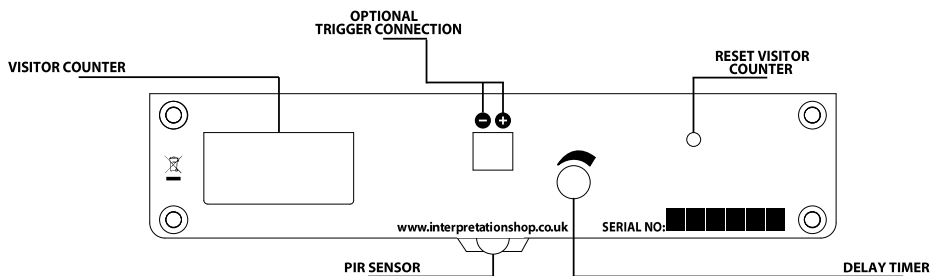
Location

Doorways are perfect for the Visitor Counter as there is not a huge swing in temperature when the door opens such as a warm room with an outside connecting doorway. The best method for finding the best installation location is to temporary install the unit and perform some walk tests.

Note: The Visitor Counter does not work through glass.



Connections



Overview

Visitor Counter

The total visitor count is displayed via a digital total located on the front of the device – it can reach a maximum of 999,999.

Optional Trigger Connection

The Visitor Counter can be connected to our range of audio (SoundClip) and video devices (VideoClip) to activate content upon PIR trigger.

Delay Timer

Increase or decrease the trigger timer – turn clockwise to increase. This will set how quickly after being triggered the Visitor Counter will trigger again. The delay is 4 seconds at the lowest and 50 seconds at the highest.

Reset Visitor Counter

Using the reset pin supplied or small paperclip, insert into the reset hole and push down until you hear a click. Hold down for 2 seconds and the Visitor Counter will reset to 000000.

PIR Sensor

The PIR is located on the front side of the Visitor Counter along with a red LED which activates when triggered. The LED will blink once to register a trigger, and twice when ready to register a trigger again.

Changing the Batteries

The Visitor Counter contains 2 different areas that have batteries. The first contains the 3 x AA Alkaline Batteries and the second contains the circular 1 x CR1220 Battery. This small battery is what powers the Counter within the device.

AA Alkaline Batteries

The 3 x AA Alkaline Batteries provided with the Visitor Counter should last in excess of 2 years. To change the batteries simply remove the 4 screws at the rear side of the unit and slide the battery plate out.

Note: If the Visitor Counter is to be left unused and inactive for a lengthy period of time, you should remove the batteries.

CR1220 Battery

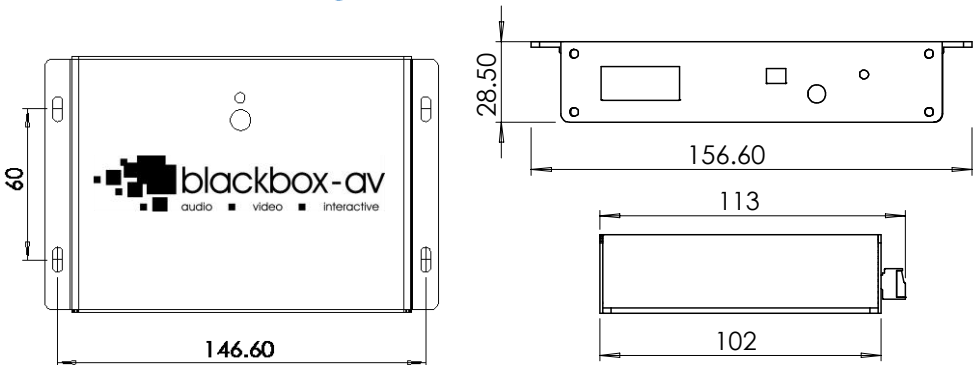
The 1 x CR1220 Battery provided with the Visitor Counter should last in excess of 2 years. To change the battery carefully remove the 4 screws at the front side of the unit and the battery can be behind of the Counter panel.

Note: When changing either batteries, be sure to remove the green screw terminal from the front (if connected) otherwise this will hold the plate in place.

Technical Information

Weight	0.75Kg
Dimensions	110 x 155 x 28mm
Number of Buttons/Trigger Inputs	1
Batteries	3 x AA Alkaline Batteries, 1 x CR1220 Battery

Technical Drawings



The logo for blackbox-av features a cluster of squares in various shades of blue and black to the left of the text. The text "blackbox-av" is in a lowercase, sans-serif font. Below the text, the words "audio", "video", and "interactive" are listed, each preceded by a small blue square.

blackbox-av
audio video interactive

The logo for the interpretationshop features a stylized graphic of a semi-circle with a gradient from light blue to dark blue/black on the left side, followed by the text "the interpretationshop". The word "the" is in a smaller font size and positioned above "interpretation". The word "shop" is in a bold, lowercase, sans-serif font.

the
interpretation**shop**