



# CONNVAS ALERT

Vocal & Visual Alert System  
for Vulnerable Road Users

ConnVAS  
Sensing the future



Programmable  
LED matrix

## Overview

ConnVAS-Alert is a smart warning system designed to protect vulnerable road users when an approaching vehicle is detected. The unit provides both vocal and visual alerts and is automatically activated by the ConnVAS-MAGIC-Detect over RF communication. It is suitable for standalone installations and supports both AC and solar-powered RRFB systems.

## Description

ConnVAS-Alert works in conjunction with the ConnVAS-MAGIC-Detect system. When MAGIC-Detect identifies an approaching vehicle, it sends an RF message that triggers the ConnVAS-Alert unit to activate a vocal alert, visual alert, or both.

The device supports 10 audio volume levels and 10 programmable audio messages. Its LED-matrix display can be programmed to show text, symbols, and other visual alerts.

The system is fully standalone and can be mounted on existing or new poles and walls. It operates on AC as well as solar-powered RRFB configurations.

## Key Features

- Mounted on pole or wall
- Activate vocal and/or visual alerts following RF messages from the MAGIC-detect
- 10 volume levels for audio alerts
- 10 different audio messages that can be programmed and played
- Solar and AC powered options

## Use cases

- 1 Midblock crosswalks or other non-signalized crossing alerts
- 2 Highway and intersection alerts
- 3 AI video detection and alert systems for schools
- 4 Security detect and alert use cases

## Included in the package

- ✓ 1 IP66 Waterproof Box Enclosure; 130mmx130mm; wall mount or pole mount
- ✓ 1 ConnVAS speaker and LEDs board
- ✓ 1 ConnVAS RF interface board
- ✓ 1 Power on/off remote control
- ✓ Maintenance + remote system health information (monthly fee) – via ConnVAS-MAGIC-detect system

### Optional

1 solar panel + batteries



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