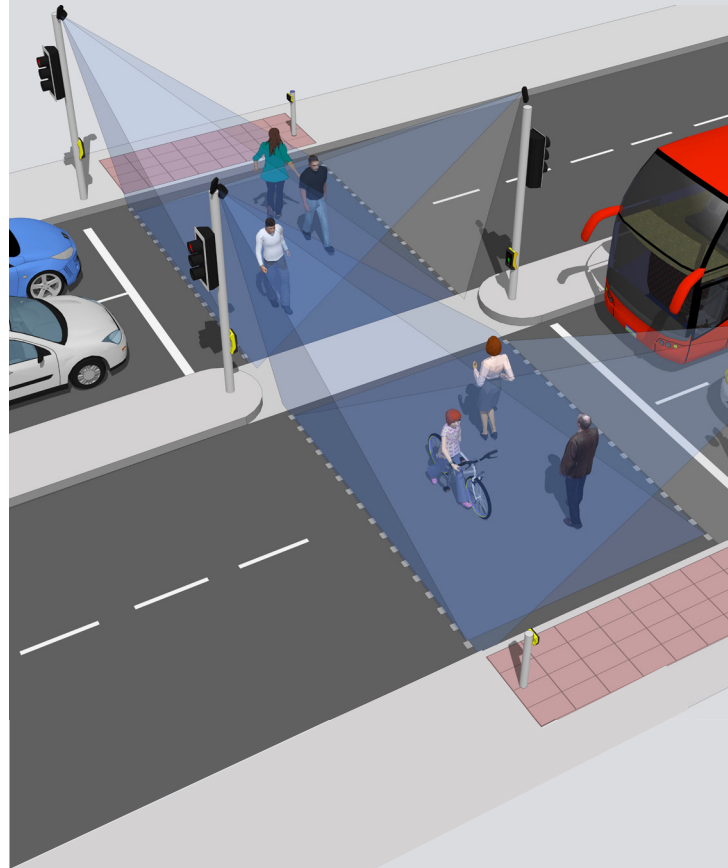# AGD326

Pedestrian On–Crossing Detector

The AGD326 Pedestrian Detector is a smart, dynamic environment detector that makes crossings safer and more efficient by delivering robust detection day and night on wide crossings.

The AGD326 radar has been designed for the detection and monitoring of pedestrians and cyclists crossing the road at signalled installations and other applications where the detection and safety of moving pedestrians is required.

The AGD326 allows optimisation of the crossing phase, giving back more green time to traffic. AGD Touch-setup provides safe and easy remote setup via a smart phone or tablet.

Suitable for stand–alone use or deployment as the ideal combination with AGD641 or AGD645 kerbside detectors for intelligent, safer, high–performance crossings.

KEY FEATURES

- The AGD326 Pedestrian Detector is a smart, dynamic environment detector that makes crossings safer and more efficient by delivering robust detection day and night on wide crossings.

- Monitors moving pedestrians and cyclists to enhance safety and optimise crossing performance

- Improved 24m range to accommodate large crossings around the world

- 24GHz radar technology suitable for international deployments

- Dynamic adjustable range and width for new site designs

- Easy WiFi AGD Touch-setup – speeds installation and reduces risk

- Co-location of up to four detectors

- Compatibility with old and new controllers makes the AGD326 an ideal solution for any site

AGD® | SAFER GREENER MORE EFFICIENT

AGD326

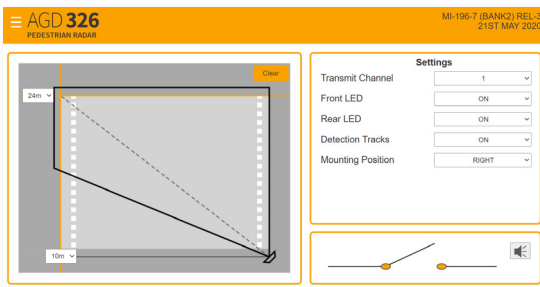## Pedestrian On-Crossing Detector

AGDTOUCH

WIFI 3 Click Setup

WIFI AGD TOUCH-SETUP WITH FLEXIBLE RANGE SETTING

The AGD326 is quick to setup using any WiFi device – smart-phone, tablet or laptop – with its unique & secure AGD Touch-setup that allows installers to configure the device in three simple steps:

1. Name device
2. Select range
3. Select channel frequency

Multiple AGD detectors may be setup at the same time from a safe position on the ground, or in a vehicle up to 30m away. Conveniently, the AGD326 can be adjusted for changes just as quickly in the same way.
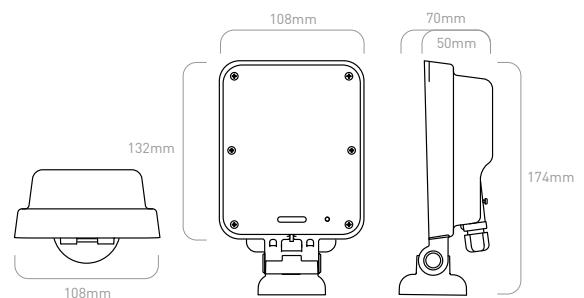

Flexible detector configuration

The smart AGD326 provides greater performance across wider crossings than it's predecessor the AGD326 which is used on over 25000 sites worldwide providing reliable detection for pedestrians and cyclists. The AGD326 is the ideal detection solution for your intelligent crossings combining well with both the AGD641 and AGD645 kerbside detectors to significantly improve crossing safety.

PRODUCT SPECIFICATION

Technology	24GHz FMCW radar
Channel Frequency	Four selectable via WiFi
Detection Range	Up to 24m across the crossing (1m increments) Detection Width - 10m (1m increments)
Low Speed Threshold	1.5kph
Mounting Height	2-4m (3m nominal)
Power Supply	12/24Vac/dc, 42Vac or 230Vac
Power	1.6W @ 24Vac @ 66mA 2.2W @ 230Vac @ 10.1mA 2.1W @ 42Vac @ 50mA
WiFi Frequency	Frequency range (MHz): 2412-2472
Detect Output	Single Opto (or relay)
LED Indication	Front LED for detect Rear LED for detect and WiFi connection
Housing Material	Black Polycarbonate
Sealing	IP56
Operating Temp	–15°C to +60°C
Configuration	WiFi AGD Touch-Setup
Dimensions	W 108mm x D 50mm x H 174mm
Weight	650g
MTBF	20yrs based on field data of prior generation radar for 10,000 units installed over 3 years
Complies With	EMC: BS EN 50293: 2012, EN301 489-17 EN301 489-1, EN301 481-51 Health & Safety: EN 60950-1, EN 60950-22 EN 50556, EN 62311 Spectrum: EN 300 328, EN 300 440 RoHS: EN 50581, TOPAS 2506A, AS/NZS 4268

DIMENSIONS

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TESTED AND AGD CERTIFIED

All AGD products are Tested, Calibrated and AGD Certified so customers know that all devices will perform exactly as described.