

# AGD 645

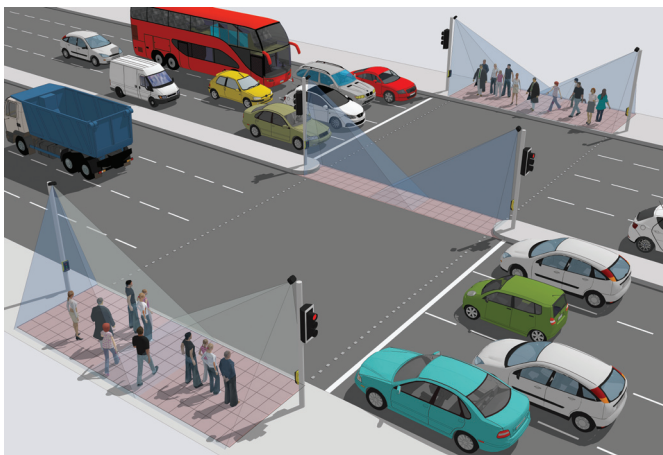
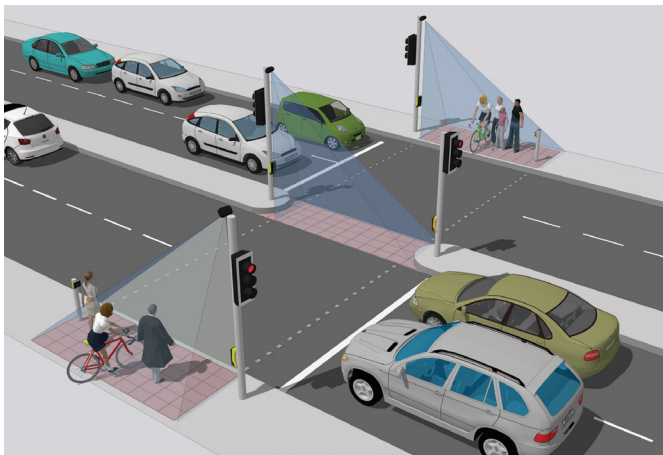
## PEDESTRIAN DETECTOR

The AGD 645 Pedestrian Detector is an optical product that makes crossings safer by delivering robust detection within a larger zone than previously required. Multiple units easily integrate to comfortably cover new style 'super-crossings'.

It is a high-performance product that processes information on board with new chip-set and sophisticated algorithms for automated decision-making to provide ultra-reliable detection.

The AGD 645 employs a 3D HD stereo-vision optical sensor that detects moving and stationary targets over a large 5m x 3m zone. It has an outstanding capability to detect people while rejecting shadows, litter and leaves and small objects such as birds walking through the zone.

Designed into the platform, to cover the needs of 'Smart City' systems, are IP, POE and real-time video capabilities which allow the 645 to feed data and pictures 'down the wire' straight into ITS control rooms - empowering truly informed decision-making.



### Features

- 5m x 3m zone or greater with multiple-units - save on infrastructure costs
- AGD 3D HD stereo-vision - great performance down to min 15 lux
- WiFi 3-step AGD Touch-setup - speeds installation, reduces installer risk
- Quick-mask 'zone' tool - easy masking of abstract zones
- IP & Real-time video capabilities - better site data access and improved safety
- Compatible with new and legacy controllers - ideal solution for any site.

### Traffic & Pedestrian Control



*safer, greener, more efficient*

# AGD 645

## PEDESTRIAN DETECTOR

### AGD Touch-setup

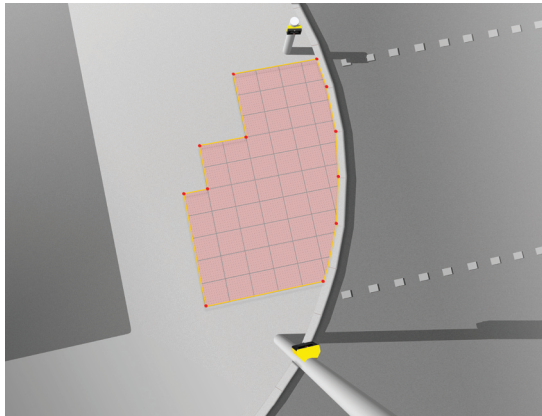
WIFI 3-CLICK TOUCH-SETUP

#### WiFi AGD Touch-Setup with Quick-mask 'zone' Tool

The 645 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 zone 3. Click to calibrate**

Multiple AGD detectors may be setup at the same time from a safe position on the ground, or in a vehicle up to 100m away. Conveniently, the AGD 645 can be adjusted for zone changes just as quickly in the same way.



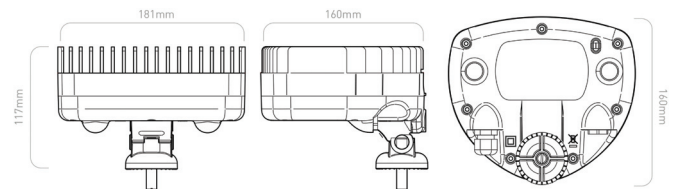
AGD Quick-mask 'zone' tool

The AGD 645 provides even greater performance over a much larger area than its partner product, the exceptional AGD640 which been used on over 15,000 sites worldwide providing reliable detection for pedestrian and cyclists at 3m x 2m zone crossings. The new AGD645 is the ideal detection solution for larger kerbside and wait zones seen across the world.

#### Product Specification

<b>Description</b>	Pedestrian Detector
<b>Technology</b>	AGD 3D HD Optical Stereo Vision
<b>Max Zone</b>	5m x 3m or greater with multiple-units
<b>Power</b>	8W @ 24V AC/DC
<b>Detect Output</b>	Single Opto/IP
<b>Real-time Video</b>	Yes
<b>Volumetrics</b>	
<b>Housing Material</b>	Black Polycarbonate/aluminium
<b>Sealing</b>	IP65
<b>Operating Temp</b>	-20° to +60° C
<b>Configuration</b>	WiFi AGD Touch-setup
<b>Lux Level</b>	Ambient lighting to min 15 lux
<b>Dimensions</b>	W 181mm x D 160mm X H 117mm
<b>Weight</b>	1.40kgs
<b>Testing</b>	Full test cycle - AGD Certified
<b>Patent No.</b>	GB 2448617

#### Dimensions



#### Tested and AGD Certified

All products are Tested, Calibrated and AGD Certified through the THEIA process so customers know products will perform.

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