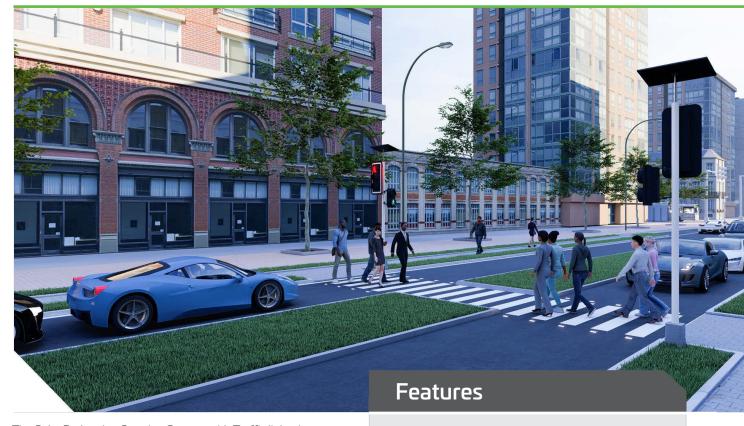
# **SOLAR PEDESTRIAN CROSSING SYSTEM** WITH TRAFFIC LIGHTS





The Solar Pedestrian Crossing System with Traffic lights is designed to improve pedestrian safety by controlling vehicle traffic approaching the pedestrian crossing and advising pedestrians when it is safe to cross. The system is a similar in operation to a standard pedestrian crossing/traffic light system without wiring between systems or the requirement to trench to run power. The entire system is powered by a high quality solar powerbank mounted atop the same post as the signals and activation button/PIR. The two mounting posts, push buttons/PIR, solar powerbanks, signals and optional road studs are independent standalone systems. The connection between both sides of the crossing is wireless. Push button or touchless activation on either side of the crossing begins the system programmed operation. After activation the traffic light change from green to amber to red. The pedestrian symbol changes from a red, standing to a green and walking symbol advising the pedestrian to cross. The timing between all process steps is programable to allow customisation to your site.



Luminaire Height 2.1 - 3m Variable Lumen LED Output Variable

Ultra-bright, weatherproof, backlit traffic and pedestrian signals

Pedestrian and traffic signals time and mode of operations are programmable

Dramatically increase the crossings visibility and improve the safety of pedestrians

All component modules are solar powered and wirelesslu connected

>96 hours autonomy

IP67 Waterproof design

Impact resistant signal case and faces

High visibility animated signal faces

Simple plug and play installation

Efficient and effective visual enforcement

Lockable battery and component enclosure

Portable or fixed versions available

2 year warranty for faulty workmanship or component failure not influenced by external means.







## SOLAR PEDESTRIAN/TRAFFIC CROSSING SYSTEM



### **Applications**

Roadways | Construction Zones | Distribution Centers

#### **Technical Data**

Signal Faces	300mm Dia
Signal Face Material	High Impact Polycarbonate
Display Colour	Red/Amber/Greer
Solar Panel Wattage (STD)	80W
Led Output	Variable
Lumen Output	Variable
Battery Type	Lithium - Ior
Battery Specifications (STD	) 60Ah 12v (720Wh)
Autonomy >5	Nights, Setting Dependent
Light Source	SMD LED
Recharge <b>6 Ho</b> u	ırs (interaction dependant)
Mounting Height	2.1 - 3m
Standard Mounting (STD)	Galvanised Steel Column
Finish	Various
Warranty Period	2 Years

## Mode of Operation

Push button or touchless PIR (Passive Infrared) activation on either side of the crossing begins the system programmed operation

As we continue to improve the products function and/or design specifications and data provided may change without notice. Errors and omissions accepted.

