

Solar Series Pedestrian Activated Remote Transmitter: 4400 Series

CE & UL CERTIFIED ELECTRICAL COMPONENTS



The Solar Series Pedestrian Activated Remote Transmitter allows wireless connection and communication with all Pedestrian Activated Crosswalk Beacons from several hundred yards away. When the pedestrian activated push button is pressed, the transmitter communicates with all intended crosswalk beacons within range greatly enhancing the effectiveness safety and capability of marked pedestrian crossings while decreasing the cost of installation and operation. These transmitters can allow the pedestrian push button to be mounted separately from the associated beacons without the need of trenching or cabling, sometimes necessary due to roadway obstructions and urban planning layouts.

APPLICATIONS

Crosswalks	Great for any mid-block or uncontrolled crosswalk
Fire Stations	Give your emergency vehicles a chance to enter the roadway by alerting drivers
Parking Lots	From shopping malls to private industrial sites, they are all a hazard for pedestrians
Construction Sites	Aid pedestrians in crossing away from construction sites and closed sidewalks
College Campuses	Busy and packed with pedestrians

BENEFITS

High Quality	Designed and manufactured in North America
Clean Technology	Solar-powered and wireless to save on power bills and end roadway trenching
Flexible	Adjustable flash pattern to meet regulatory requirements
Reliable	Energy management system to ensure operation under all environmental conditions
Simple	Installs in minutes to minimize traffic disruption and allow for relocation and re-purposing
Elegant	Self-contained, cabinet-free, discrete design to enhance streetscapes and inhibit vandalism

SPECIFICATIONS

OVERVIEW

Operation	Pedestrian Push Button Beacon
Configuration	Fully self-contained
Communication Type	ISM spread spectrum radio, 902-928 MHz

OPERATION & COMMUNICATION

Push Button Activation	Manually activated by pedestrians via push button
Wireless Communication	ISM spread spectrum radio, 902-928 MHz. Up to 800 m with line of sight
Network Addresses	16 unique addresses to avoid interference between multiple crosswalk locations

MECHANICAL

Mounting	Round Pole: 2", 3", 4.5" Square Post 6"
Chassis & Solar Engine	6061-T6 powder coated aluminum
Housing Colour	Yellow, green, black or gray
Solar Engine Measures	14 3/4" (38 cm.) x 15 3/4" (40 cm.)
Weight	Approx 22 lbs. (10 kg)

ELECTRICAL

Operating Voltage	12 VDC
Autonomy	30 days minimum
Solar Panel	20 Watts
Alternate Power	AC / Solar hybrid available AC-Only available
Certification	CE and UL certified electrical components FHWA MUTCD compliant

ENVIRONMENTAL

Operating Temperature	-40°C to +74°C
Humidity	0% to 100%

WARRANTY & LIFE EXPECTANCY

Warranty	5 year Limited Warranty for defects in workmanship and materials (excludes batteries and vandalism)
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