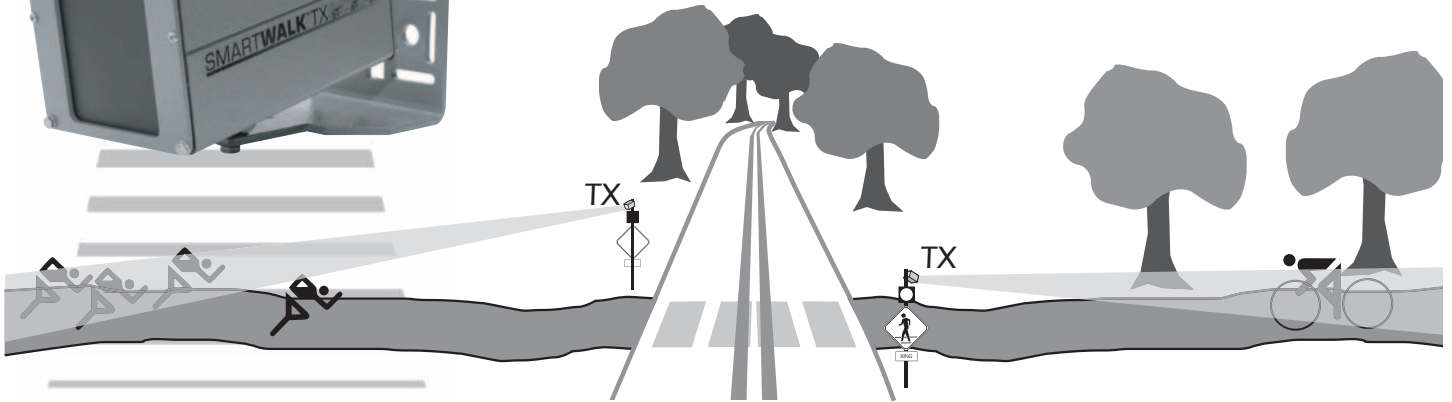


SMARTWALK® TX

Pedestrian Motion Sensor

for Trail Occupancy Detection



■ MICROWAVE MOTION SENSOR

■ DETECTS TRAIL OCCUPANCY

■ UNAFFECTED BY TEMPERATURE, HUMIDITY, COLOR OR BACKGROUND NOISE VARIATIONS

■ INSTALLS AND ALIGNS IN MINUTES

■ IDEAL IN SOLAR APPLICATIONS

**FCC APPROVED
US PATENT NO. 5,903,217**



SENSORS & SWITCHES

As the newest member of MS Sedco's SmartWalk® family of pedestrian sensors, the TX features software optimized for pedestrian motion detection in trail crossing applications.

The SmartWalk TX can be used to improve safety at trail crossings, activating the warning lights only when a trail user is present. Once the warning lights have been activated and the timed cycle begins, the unit can allow the lights to continue flashing as long as it detects pedestrians in the targeted area on the trail. The SmartWalk TX may be used in tandem with the SmartWalk XP, using the XP to provide presence detection at the roadside.

The SmartWalk TX's low power requirements make it ideal for solar applications. The unit is designed to detect trail users, including bicyclists and roller-bladers, up to 60 feet away.

SPECIFICATIONS

Model Number.....	SmartWalk TX
Operating Frequency.....	24.125 GHz (K-band)
Detection Method.....	Microprocessor analyzed Doppler microwave
Detection Pattern.....	Adjustable with cover off
Detection Angle.....	Adjustable
Detection Mode.....	Selectable: approach-only, depart-only or bidirectional motion
Call Extension Time.....	0.1 to 25 seconds
Power Requirements.....	12 to 24 V AC or DC ± 10%
Power Consumption.....	1W maximum
Relay Output.....	Form C, rated at 1 Amp @ 24V DC (N.O. and N.C.)
Output Power.....	5mW typical, 2mW minimum
Relay Contact Ratings.....	0.5A:50V AC—1A:24V DC
Operating Temperature.....	-22° F to 158° F (-30° C to 70° C)
Physical Dimensions.....	4"W x 4"H x 7"L
Enclosure.....	Powder coated aluminum
Weight.....	4 lbs.

12009