radarsign®
MAKING ROADS SAFER

School Zone Safety System
(Eligible for Safe Routes to School Grants)

radarsign AMERICA'S SCHOOL ZONE SAFETY PARTNER

School Zone Safety System includes:

➢ AC or solar powered radar speed sign and flashing beacons
➢ Yellow/green fluorescent YOUR SPEED faceplate for radar speed sign
➢ StreetSmart Traffic Data Reporting

SCHOOL SPEED LIMIT 25 WHEN FLASHING

YOUR SPEED 35

Radar Speed Sign System Features:

Easy and quick installation: School zone system arrives 90% assembled

Power options: Available in AC or solar models (TC-600 and TC-1000 models)

Flashing beacon configurations: Single and dual beacon systems available in front, top, or side mount beacon configurations

Flashing Speed Alert Choices: Slow flash of actual speed, Fast flash of actual speed, *SLOW DOWN* message, *TOO FAST* message. Simulated camera flash (optional)

Available in two LED display sizes:

➢ TC-600: 13" Full matrix LED display w/ 28"w x 33"h YOUR SPEED faceplate w/ 4" high lettering. Ideal for 10-45 mph speed limit road

➢ TC-1000: 17" LED display w/ 36"w x 44"h YOUR SPEED faceplate w/ 6" high lettering. Ideal for 40-75 MPH speed limit roads

Directional Beam Technology delivers a higher quality display for drivers, even in bright sunlight.

Maximum visibility with yellow/green fluorescent YOUR SPEED faceplate

Reduced operating costs: Entire system works from a single power source on a single pole

Radar speed sign construction: Meets or exceeds MUTCD design guidelines; NEMA 4R powder-coated aluminum housing; Makrolon® polycarbonate cover provides maximum UV protection and is abrasion, shatter, and graffiti resistant.

QAS INTERNATIONAL ISO 9001:2008 REGISTERED FIRM

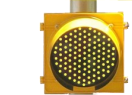| School Zone System Management Options			
Feature	**Basic Timer/Controller (Standard)**	**On-Pole Timer Controller (optional)**	**EZ COMM (optional)**
Configuration Supported	Radarsign & Beacon Radarsign only	Radarsign & Beacon Beacon only	Radarsign & Beacon Radarsign only/Beacon Only
Remote access/Programming ability from a web browser	No	Yes	Yes
Automatic download of traffic data every night	No. Local downloads via WiFi or Bluetooth	No. Local downloads via WiFi or Bluetooth	Yes
Access method	WiFi: TC-600 Bluetooth: TC-1000	On-site keypad in cabinet	Cellular modem
Access distance	WiFi: up to 300 feet Bluetooth: up to 30 feet	zero feet	Worldwide
Pre-program period	7 days (schedule repeats)	12 months	24 months
Number of schedules accepted	5 per day for each day of week	16	Unlimited
Number of exception days	None	10	Unlimited
Retention of schedule in case of primary battery failure or non-communication	6 months	2 days	14 days
Automatic Daylight Savings Time management	Yes	Yes	Yes

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School Zone Safety System
SYSTEM FEATURES - Flashing Beacon Specifications

Feature	Specifications
LED Signal Head	Lamp Wattage: 5 +/- 10%
	Lens Material: Tint or Clear Polymeric
	Chromaticity: 590 nm
	Working Voltage: 10-15 VDC (solar); 110 VDC (AC)
	Temperature Compensation: yes
	NEMA 4 Compliant
	Visible Beam Spread: 80º off axis
	UV Stabilization: yes
	Polycarbonate Beacon Housing
	5 Year Standard Warranty
Flasher Module	100% solid state design
	Flash Rate: 60fpm
	Duty Cycle: 50%
	Standard NEMA 2 circuit flasher
Calendar Timer Module (optional)	16 character, alpha-numeric, Liquid Crystal Display (LCD)
	Automatic Daylight Savings Time (DST) compensation
	48-hour capacitive memory back-up-no batteries to replace
	16 program steps
	10 skip plans
Solar Cabinet	NEMA 3 aluminum cabinet
	DCF-2 circuit 12 volt DC flasher
	8 pin flasher base
	Solar Regulator
	CPC connector with 84 inch harness
	High quality police lock
Solar Panel Options	Rated Power: 65 watt/85 watt/120 watt
Solar Charge Controller (Solar model only)	Rated Solar Current: 15A
	Rated Load Current: 15A
	System Voltage: 12/24V
	Sealed lead acid
	100% solid state
	Current compensated low voltage disconnect (LVD)
Battery (Solar model only)	12 Volt 55/75/100 AHr AGM Battery
	Up to 10 day backup operation
AC Cabinet	NEMA 3 weather-tight aluminum cabinet
	DIN mounting wiring panel
	10 amp circuit breaker
	Single stage suppression circuit
	Isolation relay
	Switch to turn off flashing output
	NEMA 2 circuit flasher
	High quality police lock
	Surge arrestor
Flashing Beacon Mounting Options	Top of pole, Side of pole, Front of pole

Front Mount

Top Mount

Side Mount