

Seevision Technologies Inc.

Making America Greener One Light At A Time

TRAFFIC SIGNAL CONTROLLER PRODUCTS CATALOG



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Seevision Technologies Inc.

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TRAFFIC SIGNAL CONTROLLER PRODUCTS

14 OUTPUT INTELLIGENT TRAFFIC SIGNAL CONTROLLER



SVT-TSLC-14

DESCRIPTION

14 Outputs Traffic Controller

APPLICATIONS

Designed for single intersection traffic signal control.
Independent traffic signal control up to 14 outputs.

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FEATURES & BENEFITS

1. Green Conflict Test Technique: when the green clash occurs, the signal instantly changes to yellow flash status. It adopts current sampling, whenever the silicon controlled rectifier is damaged (i.e. lightning strike) or the signal light is broken, it can test.
2. Power Failure Protection: The parameters set in the controller is I2C transmittal technical CMOS chip, the data is credibility. When power is cut, the data inside the machine lasts for more than 10 years.
3. There are 14 lines of signal output, and it can control 14 different traffic lights.
4. Night off, yellow flash. Night off and yellow flash time can change.
5. It is equipped with the manual/automatic control modes. Press "Auto/Manual" button to enter the manual mode. The signal light maintains the current status and with each pressing of the Manual button, the signal light changes the current procedure. In the normal operation mode, the controller displays the current time. In case of deviation form the standard time, it can be corrected. Yellow light transit time can be set between 0-255 seconds. Left turn lane passing time can be set between 0-255 seconds. Straight lane passing time can be set between 0-250 seconds. Right turn lane passing time can be set between 0-255 seconds.
6. Online set feature: In the course of the setting, the controller operates normally and the confusion will not occur at the crossing.
7. Output is Real zero cross trigger protection and high-power silicon controlled rectifier, improve the security. Even output short, it cannot damage the silicon controlled rectifier.
8. Panel display simulating the lanes and the pavements at the crossing.
9. The operating procedure can be altered as required by the client to meet the different needs.

TECHNICAL SPECIFICATIONS

Green Flash Time(s)	0 ~ 59 sec
Green Flash Frequency (hz)	2 ~ 0.125 hz
Yellow Flash Frequency (hz)	2 ~ 0.125 hz
Power Voltage	85 ~ 264V AC
Nominal Output Current Per Line	5A
Clock Precision	0.1 sec
Ambient Temperature	-40°C ~ +80°C
Power Consumption (w)	10 W
Loaded Power	<1,100W / Output
Ambient RH	40% ~ 95%
Dimensions (mm)	300 x 280 x 120

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TRAFFIC SIGNAL CONTROLLER PRODUCTS

28 OUTPUT INTELLIGENT TRAFFIC SIGNAL CONTROLLER



SVT-TSLC-28

DESCRIPTION

28 Output Traffic Controller

APPLICATIONS

Designed for single intersection traffic signal control.
Independent traffic signal control up to 28 outputs.

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FEATURES & BENEFITS

1. 28 channels of independent output with a maximum operation current of 3A.
2. On-line adjustment, check and setup.
3. 30 operating stages for operating. 10 operating menus which can be recalled many times at any stage.
4. 2 fixed, 8 programmable operating menus; each programmable menu can program 60 steps with a time of 1-255 seconds each.
5. The flashing status of each signal lamp can be set and the frequency and the time of flashing is adjustable.
6. Yellow flash time at night can be set freely and the frequency is adjustable.
7. One can have access to the emergency state at any time.
8. Manual control can realize single step operation at random and at specified menu and there is yellow lamp blocking.
9. Auto power trip protection and the operation parameters can be stored for up to ten years.
10. Auto testing the green conflict. In case of green conflict, it automatically becomes yellow flash.
11. Equipped with upgrading board and RS-232, 422 communication ports, to realize the connection to the central computer and the auto checking of the traffic flow.

TECHNICAL SPECIFICATIONS

Green Flash Time(s)	0 ~ 59 sec
Green Flash Frequency (hz)	2 ~ 0.125 hz
Yellow Flash Frequency (hz)	2 ~ 0.125 hz
Power Voltage	85 ~ 264V AC
Nominal Output Current Per Line	5A
Clock Precision	0.1 sec
Ambient Temperature	-40°C ~ +70°C
Power Consumption (w)	10 W
Loaded Power	<1,100W / Output
Ambient RH	40% ~ 95%
Dimensions (mm)	380 x 340 x 155

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TRAFFIC SIGNAL CONTROLLER PRODUCTS

64 OUTPUT INTELLIGENT TRAFFIC SIGNAL CONTROLLER



SVT-TSLC-64

DESCRIPTION

64 Output Traffic Controller

APPLICATIONS

Designed for multiple intersection traffic signal control.
Independent traffic signal control up to 64 outputs.

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FEATURES & BENEFITS

1. In accordance with national standard of GA47-2002 (Traffic Signal Controller)
2. Independent 64 outputs; maximum working current: 5A
3. Can be adjusted, checked and set online
4. 2x30 working periods can be chosen for working days or holiday working separately
5. 15 working menus can be repetitiously used at any time
6. 3 fixed and 12 programmable menus included. Each programmable menu can be programmed in 60 steps, and each step can be timed in 1-255 seconds
7. Can detect and save malfunction atomically (saves a maximum of 99 records)
8. Sense control function included
9. Cordless coordinate function included
10. The color of each output ports can be set, and can be exchanged with other ports
11. The flashing frequency and time of each signal light can be set
12. The night time warning light frequency can be set in any status you want
13. Can be entered into "Emergency Setting Status" at any time
14. Manual control can be worked in single steps under stochastic or appoint menu
15. Automatic power break protection, the working data can be saved up to 10 years
16. Automatic signal light on/off, green conflict detecting, when a green conflict occurs, will be changed to "Warning Flashing" status automatically
17. Can be connected with centre computer by RS-232, 485 or RJ45 interface, to check and control the traffic flow.

TECHNICAL SPECIFICATIONS

Green Flash Time(s)	0 ~ 59 sec
Green Flash Frequency (hz)	2 ~ 0.125 hz
Yellow Flash Frequency (hz)	2 ~ 0.125 hz
Power Voltage	85 ~ 264V AC
Nominal Output Current Per Line	5A
Clock Precision	0.1 sec
Ambient Temperature	-40°C ~ +70°C
Power Consumption (w)	30 W
Loaded Power	<1,100W / Output
Ambient RH	40% ~ 95%

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TRAFFIC SIGNAL CONTROLLER PRODUCTS

PEDESTRIAN PUSH BUTTON



SVT-TSLPPB

DESCRIPTION

Pedestrian Push Button

APPLICATIONS

Designed to notify the traffic controller system of existing pedestrian traffic.
Improves safety and overall flow of pedestrian traffic through the intersection.

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TECHNICAL SPECIFICATIONS

Power Consumption (w)	1 W
Operating Temperature	-40°C ~ +50°C
Operating Voltage	110V / 220V AC
	12V DC
Materials	Die-Cast Aluminum
Dimensions (mm)	206 x 106 x 87

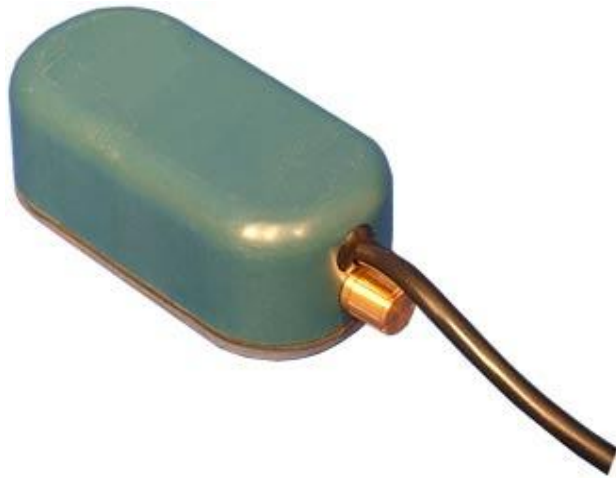
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TRAFFIC SIGNAL CONTROLLER PRODUCTS

BLIND MAN AUDIO BUZZER



SVT-TSLBMAB

DESCRIPTION

Blind Man Audio Buzzer

APPLICATIONS

Designed to notify the visually impaired of pedestrian signals via audible alert.
Drastically improves safety and quality of life for those in need.

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FEATURES & BENEFITS

1. Adjustable volume
2. Structure neoteric; nice appearance
3. Acoustics frequency meets international standard
4. High insulating and anticorrosion
5. Special sealing is load, dust, moisture and high-temperature proof
6. Convenient to install

TECHNICAL SPECIFICATIONS

STATUS	SOUND FREQUENCY (hz)	ERROR (hz)
Pedestrian Green Light	12.17 ~ 13.67	±0.333
Pedestrian Red Light	1.25 ~ 1.33	±0.383
Pedestrian Green Flash	6.67 ~ 7.50	±0.333
Power Consumption (2)	5 W	
Operating Temperature	-40°C ~ +80°C	
Working Voltage Range	220V AC / 50hz	
Materials	Stainless Steel	
Dimensions (mm)	130 x 65 x 45	

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