

TRAFITRONICS[®]

Think of traffic safety.... Think Trafitronics

Intelligent solutions for safer Roads



SAFETY FIRST

Reliable solutions that protect lives on roads.



SMART TECHNOLOGY

Advanced systems for smarter traffic management.



35 YEARS OF TRUST

Engineering Intelligent Traffic Solutions Since the 1990s

Driven by Innovation Built for Reliability
Committed to Safer Roads



QUALITY

Engineered for excellence



TRUST

Built on reliability and performance



COMMITMENT

Dedicated to creating safer communities





PRODUCT CATALOGUE

Think of traffic safety.....think Trafitronics



www.trafficsignals.co.in



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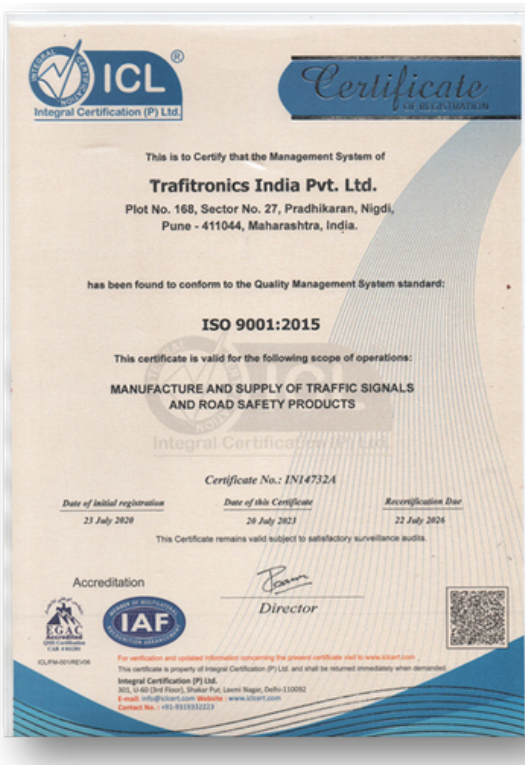
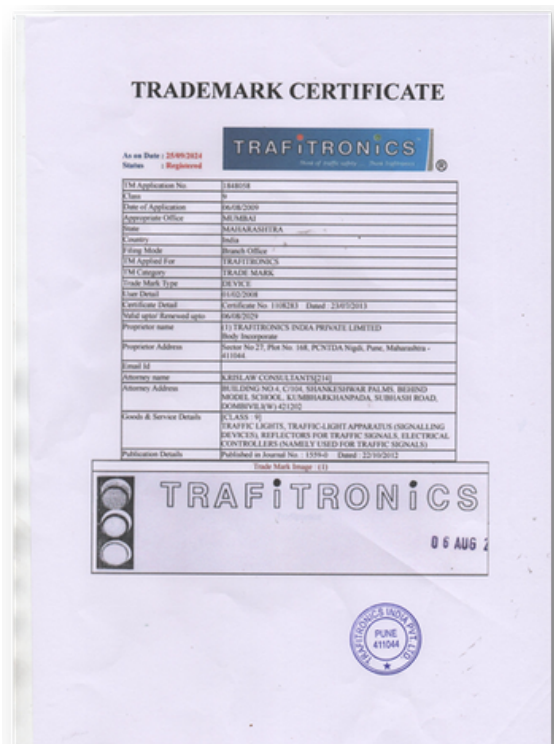


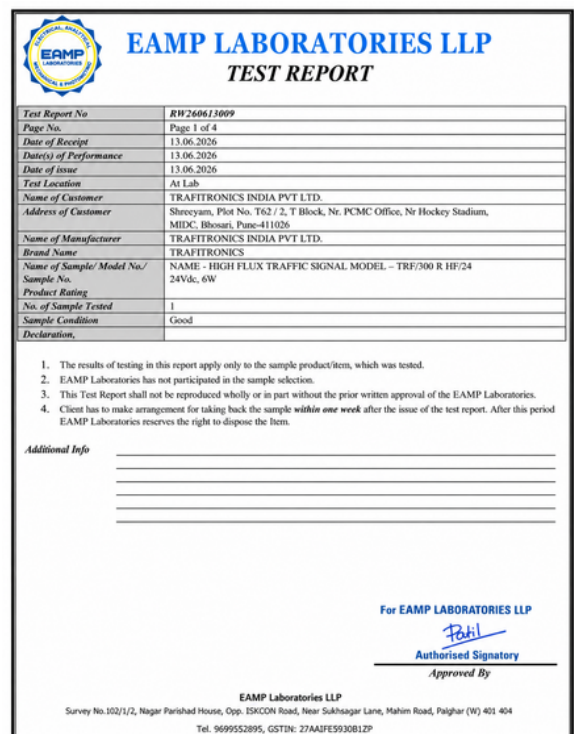
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CERTIFICATIONS







TRAFFIC SIGNALS LIGHTS



100 mm



200 mm



300 mm

Technical details

- **SIZE (LIGHT DIAMETER) : 200 MM / 300 MM /100 MM**
- **LIGHT SOURCE : ULTRA BRIGHT 5MM LED'S / SINGLE SOURCE, MUTIPLE SOURCE (HI FLUX)**
- **BODY : POLYCARBONATE, SUITABLE FOR EXTREME WEATHER CONDITIONS**
- **LENS : MOLDED WATERCLEAR POLYCARBONATE**
- **FRONT HOOD : MADE OF HDPE**
- **POWER SUPPLY : 230 V AC /12 V DC / 24VAC/ HYBRID**
- **VISIBILITY RANGE : 300 - 500 METERS**
- **POWER FACTOR : >0.9**





TRAFFIC LIGHTS



PURPLE SIGNAL



**STOP AND GO
SIGNAL**



FOG LAMP

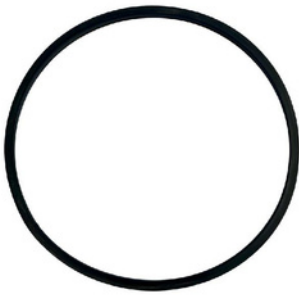


Red cycle





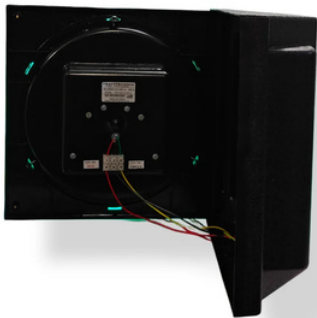
TRAFFIC SIGNAL BODY



Gasket



lense



Traffic signal body

SPECIFICATIONS

size	200MM & 300 MM DIA
BODY MATERIAL	Molded ,black polycarbonate suitable for extreme weather conditions
GASKET	Made of Rubber Act as a sealing between body & Lense
FRONT HOOD (FLAP)	Made of 2 mm to 2.5 mm black HDPE sheet inside (Matt finish)& outside (Glossy finish)
LENS	Molded water clear UV stabilized





SOLAR BLINKER



Technical details

SOLAR TRAFFIC SIGNAL BLINKER (AMBER / RED)

- MODEL NO : TRF/ 300-BLK RED/12 .8 V
MODEL NO :TRF/300-BLK AMBER/12 .8 V
- SIZE -300 MM (12 INCH) DIA / 200 MM (8 INCH) DIA
- LIGHT SOURCE_- ULTRABRIGHT LEDS
- BODY - MOULDED POLYCARBONATE, SUITABLE FOR EXTREME WEATHER CONDITION
- SOLAR PANEL - 12 V
- FRONT HOOD - MADE OF HDPE FLEXIBLE
- LENS - UV STABILIZED. WATERCLEAR POLYCARBONATE
- OPERATION : 24 HRS / (12 HRS)DUSK TO DAWN





2 IN 1 SIGNALS



Technical details

- Compact. Reliable. High Visibility.
- 300 / 200 mm Full-Round LED Signal
- Red + Green Combination in a single housing
- Ultra-Bright 5 mm LEDs for superior visibility
- 230V AC Power Supply
- Low Power Consumption – Only 8W
- Visibility Range: Up to 300 metres
- IP65 Weatherproof Polycarbonate Housing
- Industrial-Grade Connectors
- Operating Temperature: -10°C to +55°C
- Certifications: ISO 9001, ISO 14001, ISO 45001, CE & MSME Certified



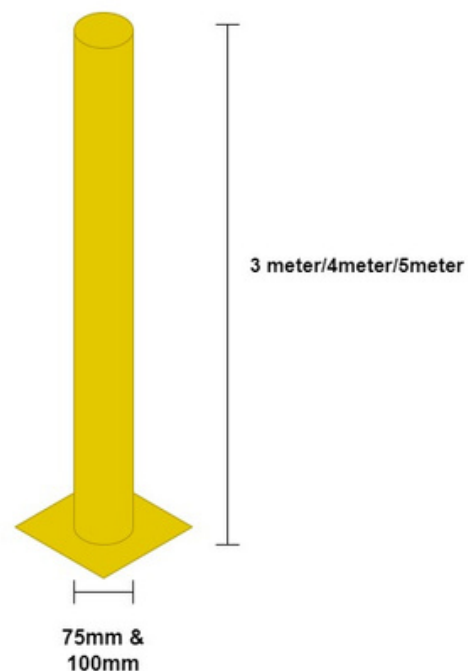
POLES FOR BLINKER / TRAFFIC SIGNAL / RADAR



POLE

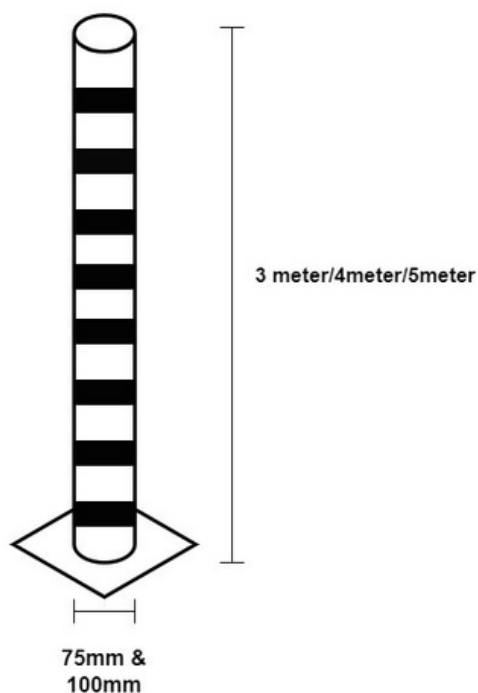
Solar Blinker with Pole

Size:-3 Meter/4 Meter/5 Meter
Diameter:- 75mm &100mm



Solar Blinker with Pole

Size:-3 Meter/4 Meter/5 Meter
Diameter:- 75mm &100mm



**BLACK &
WHITE POLE**





TRAFFIC SIGNAL CONTROLLER



Front profile



Back profile



Side profile

Technical details

- Microprocessor-based solid, state traffic signal controller .
- solid -state relay switching
- power supply 203v AC, 50 HZ or 24 v dc
- real -time clock with battery backup
- operating temperature :0°C to 55°C
- Ms powder -coated enclosure
- Control moded :Automatic ,manual mfixed time police control
- cable synchronization and controller synchronization
- safety features: self -conflict detection and conflict monitoring
- signal Modes : Hurry call ,Flash ,Flash-to-signals
- Night operations : Blinker unit & programmable night flash
- traffic plans : 24- cycle plan,25 signals plans,12 signal phases
- special features: free turn phase, peak hour operation programmable all -red stage ,4-week plan with manual override





CUSTOMIZABLE SIGNALS



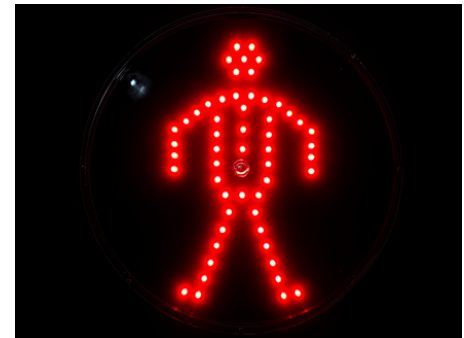
**ARROW TRAFFIC
SIGNAL**



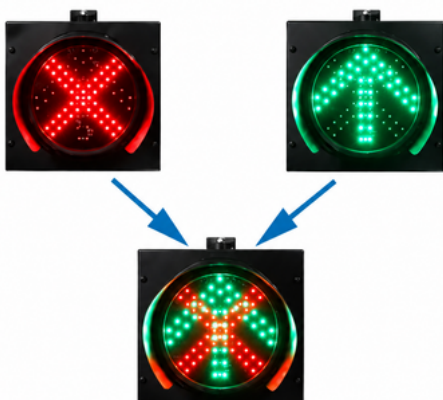
**U TURN
TRAFFIC SIGNAL**



**PEDESTRIAN
GREEN
TRAFFIC SIGNAL**



**PEDESTRIAN RED
TRAFFIC SIGNA**



**OVER HEAD LANE
SIGNAL (OHLS)**



**GO SLOW TRAFFIC
SIGNAL**

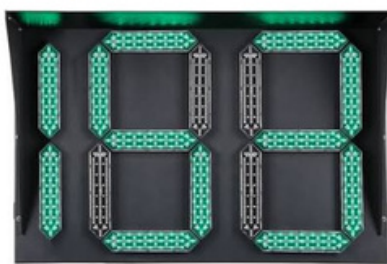




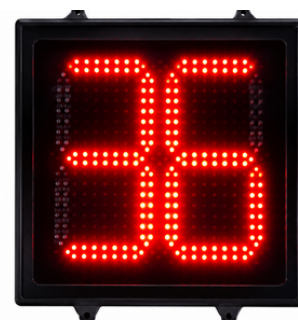
COUNT DOWN TIMER



**2 & ½ DIGIT COUNT
DOWN TIMER**



**3 DIGIT COUNT
DOWN TIMER**



**2 DIGIT COUNT
DOWN TIMER**

SPECIFICATIONS

Housing	M.S with power coating
Dimension	500 mm(L) *400mm(H)
Front cover	Red Transparent Acrylic
Digital	2 Digits or 2 &1/2 Digits or 3
Size of Digit	200mm heights/8 inches
light source	Ultra Bright-5mm Water clear Red LED
power consumption	20 watt Approx
working voltage	230 v A/C or 24 v DC
weight	up to 4 kg Approx
visibility	200 Meter and Above



Radar Speed Display



Model / Feature	2-Digit, 12" Display	3-Digit, 12" D	3-Digit, 16"Display	3-Digit, 16" with Camera
Digit Capacity	2 Digits (Up to 99)	3 Digits (Up to 199)	3 Digits (Up to 199)	3 Digits (Up to 199)
Max Reading	99 km/h	199 km/h	199 km/h	199 km/h
Digit Height	12 inches	12 inches	16 inches	16 inches
LED Colors	Red and Green	Red and Green	Tri-color	Tri-color
Text Display	Not Available	Not Available	6" H x 22" L ("THANK YOU" / "DANGER!")	6" H x 22" L ("THANK YOU" / "DANGER!")
Casing Size	26" H x 26" W x 7" D	43" H x 25" W x 4" D	29" H x 29" W x 10" D	29" H x 29" W x 10" D
integrated IR Camera	No	No	No	4MP ANPR with Auto Focus



CHEVRON



Specification	Details
Cabinet Size	600x300 / 900x400 / 1200x600
Cabinet Material	Powder-Coated
Reflective Sheeting	HIP Grade
LED Colour	Super Bright Red / Amber
LED Type	5 mm High Intensity LEDs
Operating Voltage	12V DC
Solar Panel	20W to 40W Mono Crystalline
Battery	6AH, 12AH, 18AH (lithium)
Flashing Mode	Sequential / Simultaneous
Visibility	Up to 500 m
Operating Temperature	-20°C to +55°C
Mounting	Pole Mounted
LED Life	100,000 Hours



70303 60044
70303 90044



: SHREEYAM, , T-62/2, T Block, MIDC,
Bhosari, Pimpri-Chinchwad, Pune,
Maharashtra 411026