



ADOR TRANQUILITY

Radar Speed Sign

ADOR POWERTRON LIMITED

www.adorindia.com

ADOR TRANQUILITY RADAR SPEED SIGN

OVERVIEW

The Ador Tranquility radar speed sign is the solution that fits your budget.

This compact radar speed sign is perfectly designed for road safety and to create awareness on roads. This product is power efficient and offers great visibility in different colors.



FEATURES

Energy Efficient: The sign is highly energy efficient and it can function up to 2-3 weeks autonomously with optional batteries.

Three Colors Display: Three colors inbuilt (Red, Amber and Green). LED digit color can be programmed as per requirement.

Three Digits Display: Three digits display gives freedom to install this sign on any type of road.

Solid Build Quality: LEDs are covered with polycarbonate material to protect the display from physical damage. High quality aluminum of the body is making it rugged and flexible for all weather conditions.

TECHNICAL SPECIFICATIONS

SPEED DISPLAY	
Digits	Height: 11 inches, Display: 7 segments
LEDs	Ultra-bright, 3-row thick, tricolor: Amber, Green and Red
LED angle	22° cone angle, auto-dimming
Power consumption	Ultra-low power consumption. Average <SW
DETECTION	
Doppler radar	Dual direction, K-Band, 24.125 GHz (FCC part 15 compliant)
ACCURACY	+/- 1 Mph, 99% accuracy
Beam width	25° (Vertical) x 12° (Horizontal)
Speed detection	05 -150 Kmph
Detection range	100 Meters
External accessories	Siren and Camera (if needed).
CASING	
Material	Aluminum
Overall unit size	Dimensions: 43"H x 25"W x 3.5"D.
Waterproof rating	NEMA 4R / IP 65
Color	Yellow/White (other colors available)
Temperature resistance	-15° C to+60°C (operational in extreme weather conditions)
Electrical safety features	Two fuses (internal and external), internal pressure safety valve
CONFIGURATION	
Communication	Ethernet/RS232/RS485 and GSM(Optional)
TRAFFIC DATA ANALYSIS	
Speed	Average and maximum speed, 85th percentile, distribution per speed group
Count	Estimated vehicle count
Type	Time-stamped data for both directions of the road
Memory Storage	Up to 1 million vehicles
Format	Charts and graphs in Excel and/or Pdf form, for easy report printing
POWER OPTIONS	
Solar Powered	Internal solar regulator, solar panel, 2 batteries
AC Powered	230V AC with internal charger, 1 battery (capacity for 2)
AC Mobile (battery operated)	4 batteries (2 inside casing) + external charger and 230V AC with internal charger
ACCESSORIES	
Solar Panel	32" X 37", 80watt solar panel
Batteries	12V/22AH batteries included: (AC pack), 2(Solar pack), 4(AC Mobile pack)
EXTERNAL CHARGER	12V external charger (included in AC Mobile pack)
INTERNAL PROCESSOR	I3 later than 6 th generation with 4GB RAM and 200 GB storage, Windows 10 OS.