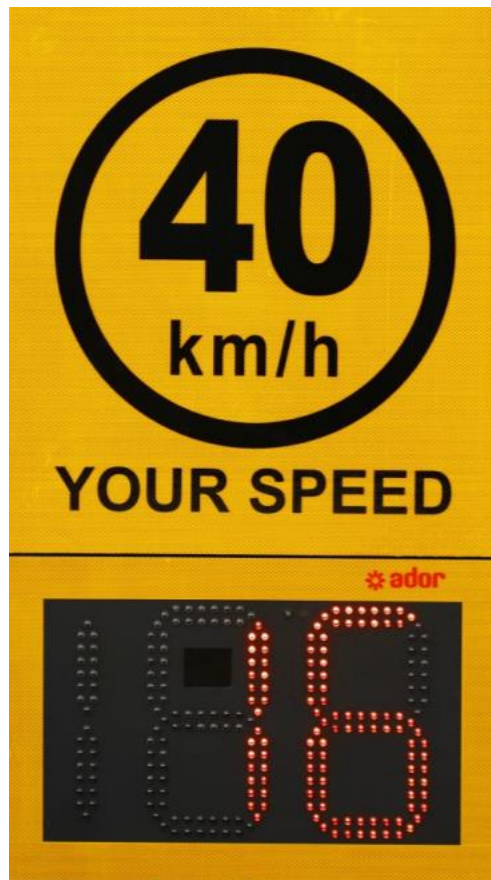


ADOR TRANQUILITY:- Speed Radar Display (Solar Operated)



B) Technical Specification:

SPEED DISPLAY	
SPEED DIGITS	Height: 11 inches, Display: 7 segment
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	12° Horizontal - 25° Vertical
SPEED DETECTION	10 -150 Kmph
DETECTION RANGE	100 Mtr
EXTERNAL INTEGRATION	SIREN Can be Integrated, 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" (solar-powered)	Internal solar regulator, solar panel, 2 batteries
"AC" (city lighting)	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", 80 watt solar panel
BATTERIES	12V/22AH batteries included : 1(AC pack), 2(Solar pack), 4(AC Mobile pack)
EXTERNAL CHARGER	12V external charger (included in AC Mobile pack)