



ADOR SERENITI WITH TRAILER

Technical Specifications:

1. Ador SERENITi

| | |
|-----------------------------------|---|
| SPEED DISPLAY | |
| SPEED DIGITS | Height: 16 inches, Display: 7 segments |
| "YOUR SPEED" legend | 1.37", spell "YOUR SPEED" Customizable message |
| LEDs | Ultra-bright, 3-row thick, tricolor: Amber, Green and Red |
| LEGILITY | 300+m |
| POWER CONSUMPTION | Average <150W |
| TEXT DISPLAY | |
| LEDs | Ultra-bright, Amber, Green and Red |
| MESSAGES | Pre-programmed or entirely personalized |
| SIZE-FONT/ GRAPHICS | 1- or 2-lines text, Customizable (Drag and Draw) |
| DETECTION | |
| DOPPLER RADAR | Dual direction, 24GHz-ISM-Band/ K Band |
| ACCURACY | 99% accuracy, ± 2 Km/h |
| SPEED DETECTION | 5 -199Kmph |
| DETECTION RANGE | 250m |
| EXTERNAL INTEGRATION | Siren can be integrated (if required) |
| CASING | |
| MATERIAL | ABS resin, Anti-UV, one-piece moulded body |
| SIZE/ WEIGHT | Dimensions: 29"H x 29"W x 10"D Weight: 26kgs. (Without batteries) |
| WATERPROOF RATING | IP 65 |
| COLOR | Grey, through dyed |
| ELECTRICAL SAFETY FEATURES | Miniature circuit breaker (MCB) used for internal |
| BATTERY ENCLOSURE | Capacity to hold up to 2 batteries |
| SOFTWARE AND CONFIGURATION | |
| SERENITi WEB APP | Software for configuration Logs, Live graph for Traffic data |
| COMMUNICATION | Mini B- TYPE USB, LAN and GSM (Optional), |
| THRESHOLDS | Speed (min, limit, max) |
| TRAFFIC DATA ANALYSIS | |
| SERENITi CLOUD APP | Central application to handle multiple sites |
| SPEED | Average and maximum speed |
| COUNT | Estimated vehicle count* |
| TYPE | Time-stamped data for both directions of the road |
| MEMORY STORAGE CLOUD | Up to 1 million vehicles |
| FORMAT | Charts and detailed report extraction |
| POWER OPTIONS | |
| "SOLAR" (solar powered) | Internal solar regulator, solar panel, 2 batteries (optional) |
| "AC" (city lighting) | 230V AC |
| "AC MOBILE"(Battery operated) | Battery charger, 2 batteries (optional) |
| ACCESSORIES | |
| MOUNTING KITS | Pole mounting brackets |
| BATTERIES | 12V/18AH batteries included in solar pack & AC mobile |

2. Trailer Specifications

| Trailer features | |
|--------------------------------|--|
| Display hoisting arrangement | Motorized mast / hydraulic jacking arrangement |
| Display height adjustment span | 2.2mtr to 3.0 mtr (Ground to Display top edge) Solar panel will be mounted on the trailer above the Display |
| Display Rotation | 330° with locking arrangement |
| Trailer Chassis | Steel fabricated |
| Towing arrangement | Tow bar with foldable jockey wheel. |
| Jockey Wheel | Collapsible & height adjustable jockey wheel |
| Jack arrangement | Height adjustable jack arrangement at 4 points |
| Tail & side reflectors | Amber/Red colored tail reflector cum lights & side lights |
| Dimensions | 1500(W)X2600(L) |
| Junction Box | |
| Material | M.S CRCA Sheet |
| Enclosure Class | IP 55 |
| Quantity | 1 Nos JB's will be mounted on the trailer chassis |
| Contents | Batteries, Solar Charger, battery charger & other switchgears will be mounted inside this JB's. |

Note: 1) Required SIM Card/ Lan is not in Ador's scope.
2) Anything which is not mentioned in the offer is charged extra as actual.