

ELECTRONIQUE
CONTROLE

MESURE

LOREN

MULTI-LANE MICROWAVE DETECTOR



- ❑ K-BAND « RADAR » DETECTOR (24.125 GHZ)
- ❑ MULTI-LANE (8 MAX.)
- ❑ NON INTRUSIVE SYSTEM
- ❑ UNAFFECTED BY RAIN, SNOW, AND FOG
- ❑ DAY AND NIGHT OPERATION
- ❑ RANGE OF 40 METERS

■ ROAD TRAFFIC MONITORING

● FUNCTIONS

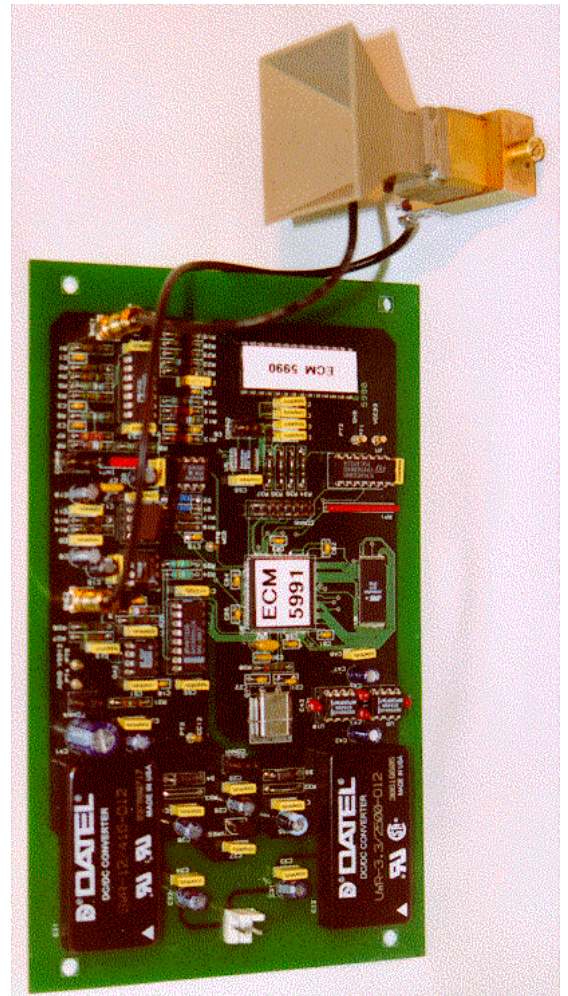
- /// COUNTING
- /// CLASSIFICATION
- /// SPEED
- /// OCCUPANCY LEVEL

● FROM 1 TO 4 LANES

● PARAMETERS SETTING BY SOFTWARE

● HESTIA COMPATIBLE

● TEDI COMPATIBLE



NON CONTRACTUAL DOCUMENTATION/04.99

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Electronic Control Measurement Inc.
P.O. Box 888, Manor, Texas 78653

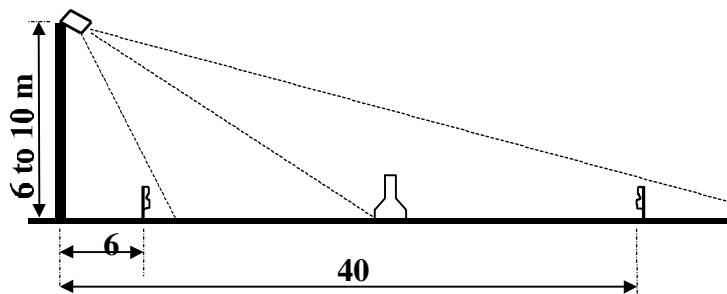
PHONE:(512)2724346 FAX:(512)2724966

Internet : <http://www.worldnet.fr/~ecmvandf>

LOREN is a microwave sensor (24,125 GHz) designed for road traffic detection that provides :

- ◆ Vehicle detection
- ◆ Length assessment
- ◆ Speed measurement
- ◆ Calculation of occupancy level equivalent to a 1.5 m loop.

LOREN is fitted on a mast of between 6 and 10 meters in height in a position off the roadway depending on the configuration of the road, and detects vehicles at distances ranging from 6 to 40 meters.

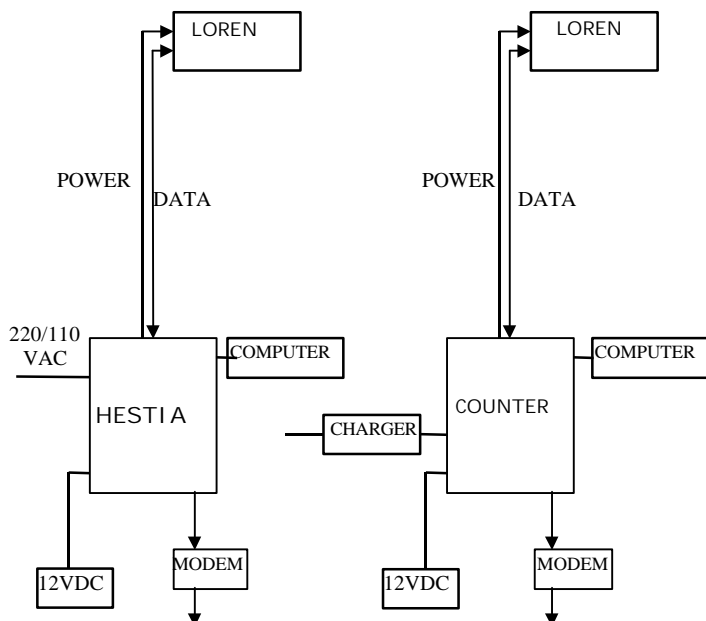
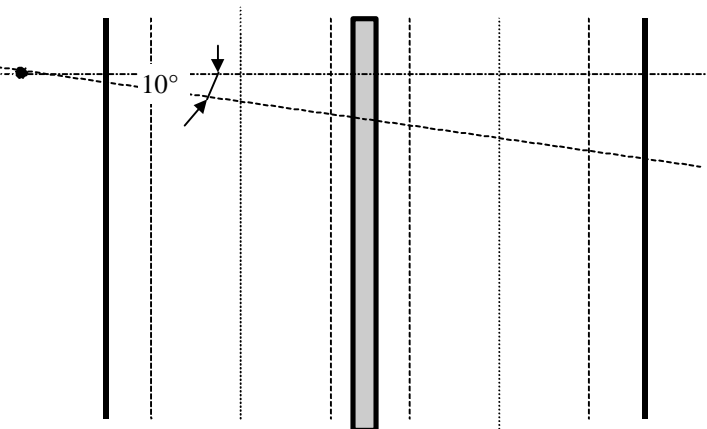


Positioning and inclining the unit with respect to the roadway is easily achieved with the support and fittings.

The parameters of LOREN are set using a PC compatible computer or notebook

On the passage of each vehicle, LOREN indicates over a RS232 link:

- ◆ the lane number
- ◆ the type of vehicle (short or long)
- ◆ the speed
- ◆ the time of presence
- ◆ the direction.



COMPATIBILITY WITH HESTIA

LOREN sends the information on each vehicle to the HESTIA central unit. This creates the statistics and can send them to a central PC in the same way as any other HESTIA station.

The results can be exploited by SATIA/II.

COMPATIBILITY WITH IRIS

LOREN sends its 'real time' data to a counter, which creates and stores the statistics.