



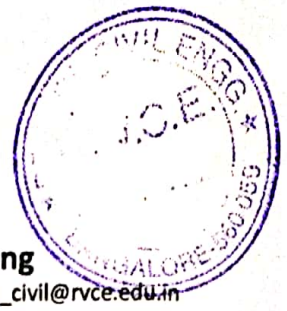
# RV College of Engineering®

Autonomous Institution Affiliated to Visvesvaraya Technological University, Belagavi

Approved by AICTE, New Delhi, Accredited by NAAC, Bengaluru

Department of Civil Engineering

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## TO WHOM IT MAY CONCERN

Department of Civil Engineering, RV College of Engineering, Engaged a performance evaluation test on the product supplied from METROCOUNT, Australia /3E Consultants Indian representative with a model name of MC 5900 and MC 5904. It is hereby found that the initial performance evaluation results of classified count using automatic traffic counter & classifier equipment are satisfactory.

Similarly the accuracy of the classified count was checked for the limited categories of vehicles, as METROCOUNT classifies the vehicle type, direction, axle length, and wheel base. However, in Indian traffic conditions the axle length of buses and 2 axle trucks/ 6 wheeled LCV are almost similar and thus it classifies as one category for above mentioned categories of vehicles. Same in case of small cars and 4 wheeler LCV/4 wheeler shared Autos

Speed prediction was tested for METROCOUNT systems obtained from speed measuring systems; the analysis reveals that the speed prediction of Metro count systems is nearly 95% accurate.

Below are the performance observed during the initial evaluation in a location at Bangalore University Campus, Jnanabharathi, Bengaluru.

SL NO	VEHICLE TYPE	VIDEO COUNT	ATCC COUNT	% ACCURACY
1	TWO WHEELER	3281	3230	98.45
2	3 WHEELER	477	455	95.39
3	CAR	1427	1397	97.90
4	3W/4W LCV	118	113	95.76
5	BUS/TRUCK	41	39	95.12

The performance leads to an overall accuracy of more than 95 % when the Time gap between each vehicle is more than 6 sec. Perhaps in case of time gap less than 3 sec accuracy will be 90-95%, which is exceptionally good considering the Indian traffic conditions. The METROCOUNT/3E Consultants team of the company gives very good technical support in case of any technical issues.

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