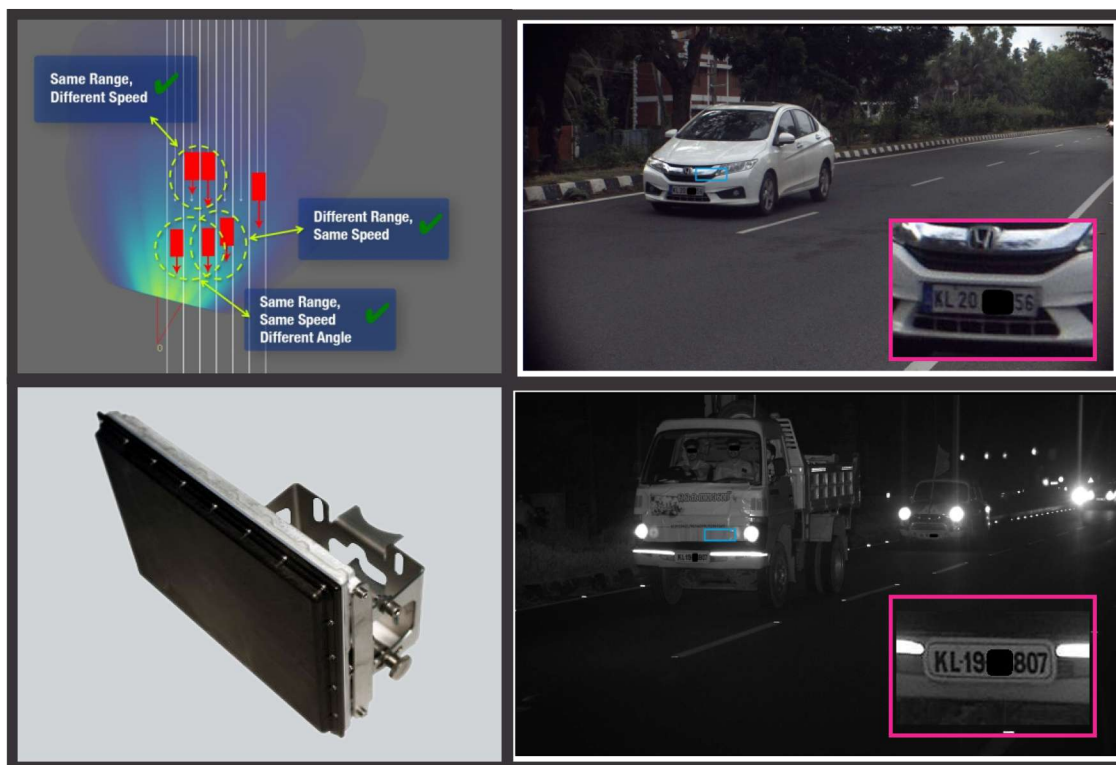# MOBILE SPEED ENFORCEMENT SYSTEM

Model KEL- MSVD

KEL - MSVD SYSTEM USES ADVANCED 3D/4D TRACKING DOPPLER RADAR TO DETECT AND CAPTURE IMAGES / LICENCE NUMBER OF ALL TYPES OF VEHICLES MOVING ON ROAD, FULLY AUTOMATIC DETECTION DURING DAY AND NIGHT CONDITIONS.

- ☞ *Speed accuracy >97% using 3D / 4D Doppler Radar*
- ☞ *Single radar covers upto 2 lane*
- ☞ *International speed calibration certification*
- ☞ *5Mega pixel high resolution ANPRcamera*
- ☞ *Capable to capture both retro & non-retro reflective license plates.*
- ☞ *Marking on image for identification of violated vehicle*

Doppler Technoloy

The most advanced 3D/4D object tracking Radar technology provides certified, highly accurate and reliable speed and position data. Tracks many vehicles and multiple lanes simultaneously.

SPECIFICATION:

Technology	KEL - MSVD system uses advanced 3D / 4D Doppler radar to detect and capture images / license number of all types of vehicles moving on road, with speed information. System works fully automatically during day and night conditions.
Primary Speed Sensing	Advanced 3D/4D Doppler Radar, Detects and measures speed of vehicles, up to 200 Km/hour, multi lane operation. Speed Accuracy better than 97%.
ANPR Camera	Sensor: 5 Mega pixel resolution,CMOS, sensor Exposure time 1ms - 10µs, (1:1000 – 1:100,000) 10/100 base T Ethernet, JPEG Compression.
Vehicle marking	To identify violated vehicle
Infrared illumination	Infrared flash for image capture at night
Vehicle speed accuracy	Speed measurement beyond 200 Km/hour with accuracy of 97%
Road side processing Hardware and Software	System controller, 256 GB SSD for violation storage
Connectivity	4G Connectivity
Camera mounting	Vehicle mount /tripod mount (optional)
Power	12V battery operation