

INTERCEPTOR

INTRODUCTION

The concept of the INTERCEPTOR dates back to the year 1995. Pioneered by **Institute Of Road Traffic Education (IRTE)**, the contemporary INTERCEPTOR is the culmination of many years of research, development and deployment experience and has undergone generations of technology upgrades. Contributions from professional experts, designers, engineers and vendors from the world over have been incorporated into this evidential enforcement-cum-educational tool.

The Concept must embrace the rapid convergence of varied technologies, especially of automobiles, digital electronics, telecom and global positioning and therefore progress towards the wide definition of **Intelligent Transport Systems (ITS)**

Under an MOU between the Department of Road Transport and Highways, Government of India and IRTE, Interceptots are now being developed for various State governments in an endeavour to initiate the process of Scientific Analysis and enforcement of road traffic violations. Understanding of the causes and consequences of road traffic violations help the traffic management agencies in initiating remedial measures.

The Interceptor is an INTEGRATED SYSTEM and not merely a set of Equipment.

1. EVIDENCE BASED TRAFFIC LAW ENFORCEMENT

This approach of full motion video enforcement gaurantees accurate and reproducible dynamic evidence of errant driving behaviour or traffic or infrastructure situations

2. ROAD & INFRASTRUCTURAL

Utilizing its mobility and on-board video documentation features, the INTERCEPTORS can be used to survey and record conditions of roads.

3. DETERRENT

The INTERCEPTOR has a prminent exterior apperance combined with high visibility graphics intended to project an overwhelming impression of law, discipline, agility & technology. While adding immensely to the confidence of the enforcement agencies, the INTERCEPTOR has earned a dreaded reputation amongst potentially errant road users.

4. ENFORCEMENT ON A MOBILE PLATFORM

Mobility of this comprehensive enforcement tool is its unique virtue. The enforcement crews can conveniently and quickly move over to demanding or strategic locations.

5. TRAFFIC EDUCATIONS

Utilizing the on-board Audio Visual equipment, the INTERCEPTOR can be deployed

at diverse locations for audio-visual traffic education programs.

6. PRIMARY FIRST AID & RESCUE

The INTERCEPTORS are capable of primary first aid and rescue in road accidents situations.

Special highlight of this "**INTERCEPTOR**" is the Lightfama-3 a laser based speed measuring with digital video and / or still image documentation and enforcement system. The Lightfama can measure speeds from a distance upto 1 km and document vehicle number plates from as much 150mtrs. It can capture speed violations every 0.5 seconds on automated mode. Other features include :

- 1 Long range operation durability
- 2 On board high capacity Auxillary power backup system
- 3 Electronic on-board auxillary power recharging system
- 4 All front seating on moving mode for crew durability and safety
- 5 Air conditioning for equipment complaince and crew comfort.
- 6 All digital photography, still and video capture and recording
- 7 Recording on Hard Disk, DVD, SD Card memory
- 8 90 degrees panning capability each for front and rear image/video capture
- 9 High zoom digital image capture
- 10 Large flip down LCD monitor for violation playback and education
- 11 Breath Alcohol Analyser with printer
- 12 Night mode and all weather enforcement possibility is the new dimension to this latest version Interceptor