



- Make your roads safer with iRIDS
- Automatic capture of red light violation
- Video and photo evidence
- Automatic challan generation using ANPR technology

Note: iRIDS has been developed by CDAC, funded by the Department of Electronics and Information Technology (DeitY), Ministry of Communications and Information Technology, Government of India

INTELLIGENT RED LIGHT VIOLATION IDENTIFICATION SYSTEM

iRIDS

iRIDS (Intelligent Red light Violation Identification System) is a state-of-the-art solution developed by C-DAC and licensed to ITSPE to automatically identify red light runners. iRIDS capture and present evidence of the red light violation that helps smooth functioning of law enforcement. Violations are captured with the help of vehicle sensors, cameras and the controller hardware installed at the road intersection. Images and video captured at the intersection will be stored in iRIDS hardware and sent to the central server in frequent intervals through an appropriate communication medium. The captured data is processed at the control centre to generate challan, reports etc. iRIDS junction hardware can handle four arms in a junction simultaneously.

Salient features

- Automatic capture of red running with evidence (video and snapshot)
- Simultaneous monitoring of multiple lanes
- Detection of multiple red light violations
- Automatic recognition of standard number plates using ANPR

- Automatic ticket generation for errant vehicles
- Remote RTO database connectivity provision
- C-DAC ANPR or third-party ANPR
- Local storage during network failure
- Compatible with traffic signal controllers of any make
- Universal interface to red signal (230V AC or 24V DC or 12V DC)
- IR operation during low light conditions
- Compact form factor
- User-friendly GUI
- Option for manual verification before ticket dispatch

Ordering information

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