

SURVEILAI

DATA SHEET

EMPOWERING
ADVANCED VIDEO
ANALYTICS



SurveilAI by Trois Infotech is a groundbreaking video analytics solution that leverages AI, computer vision, and machine learning to analyze video content from diverse sources with unmatched precision. Tailored for industries like transportation, public safety, defense, retail, and parking management, SurveilAI offers functionalities such as Automatic Number Plate Recognition (ANPR), ANPR with Violation Detection, and FAISET (ANPR with Face Recognition). Our solution empowers organizations to optimize traffic flow, enhance security, and improve customer experiences through seamless integration and robust performance. Experience the future of intelligent surveillance with SurveilAI, where every frame drives smarter, safer, and more efficient operations.

**THIS DOCUMENT OFFERS A CAPTIVATING
GLIMPSE INTO THE POWERFUL FEATURES OF
EACH SURVEILAI PRODUCT.**

SURVEILAI EDITIONS

ANPR

- Scalable and capable of real-time detection and recognition of vehicle number plates at high speeds
- Remote access capability for enhanced convenience
- Seamlessly operates on both Linux and Windows systems for flexible integration
- Efficient blacklist/whitelist management
- Smart Box with Inbuilt ANPR and user Interface.

FAISET

- Engine supports ANPR with Face Recognition seamlessly within a single camera setup, enhancing efficiency and cost optimization.
- Seamless integration with existing surveillance infrastructure.
- Unique technology to identify faces in moving vehicles.
- Identifies faces from vehicles traveling at speeds of up to 150 km/hr with high precision.
- Real-time alerts for detections, supporting crime mapping and analysis.

ANPR WITH VIOLATION DETECTION

- Detects over 20 types of violations with high accuracy.
- Engine supports ANPR and AI analytics seamlessly within a single camera setup, enhancing efficiency and cost optimization.
- Synchronizes with PTZ cameras and violation cameras up to 500 meters.
- Configurable event alerts and notifications for real-time updates.



FEATURES

SurveilAI				
Features				
S. No	Features	ANPR	ANPR with Violation Detection	ANPR with FAISET
01	ANPR with Vehicle Detection, LPD and LPR	Yes	Yes	Yes
02	ANPR with Vehicle Classification	Yes	Yes	Yes
03	ANPR with Vehicle Image	Yes	Yes	Yes
04	ANPR with Vehicle Make, Model & Colour Detection	Yes	Yes	Yes
05	Vehicle Detection	Yes	Yes	Yes
06	Triple Ride Violation	No	Yes	Yes
07	Mobile usage- Driver	No	Yes	Yes
08	Average/ section speed violation	No	Yes	Yes
09	One way violation	No	Yes	Yes
10	Stopped vehicle detection	No	Yes	Yes
11	Red Light violation	No	Yes	Yes
12	Driving without Helmet	No	Yes	Yes
13	Spot speed violation	No	Yes	Yes
14	Seat Belt Violation	No	Yes	Yes
15	Face Detection and Recognition	No	No	Yes
16	Face Registry	No	No	Yes
17	Mask detection	No	No	Yes
18	Face Search	No	No	Yes
19	Face Recognition with Mask	No	No	Yes
20	Face Grouping	No	No	Yes

Desktop				
01	Linux	Yes	Yes	Yes
02	Windows	Yes	No	No

Smart Box				
01	Smart Box Lite	Yes	No	No
02	Smart Box Plus	Yes	Yes	Yes
03	Smart Box Pro	Yes	Yes	Yes

*Some features will be server-based.

Platforms				
01	On Premise	Yes	Yes	Yes
02	Cloud/ Server	Yes	Yes	Yes



Trois Infotech Pvt. Ltd.
4th Floor, CDAC-Knowledge Resource Centre Building,
Technopark, Trivandrum, Kerala- 695581

