Lanner

Real-time Traffic Video Analytics

goodvision®

Learn More:
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Everything You Need For Traffic Data Analytics In One Place

Real-time traffic video analytics, built on IoT and AI, allow for the collection and analysis of data to improve day-to-day traffic management, enabling a wide range of advanced applications, such as traffic flow analysis, smart traffic management, and violation detection, and assisting cities adapt for long-term sustainable transportation needs.

Lanner collaborates with GoodVision to provide a complete solution that features Lanner rugged edge AI appliances and GoodVision AI engine. Compatible with existing IP camera, the real-time Traffic Video Analytics solution is designed for analyzing camera streams on the fly, providing traffic monitoring and real-time event detection on roads and junctions.

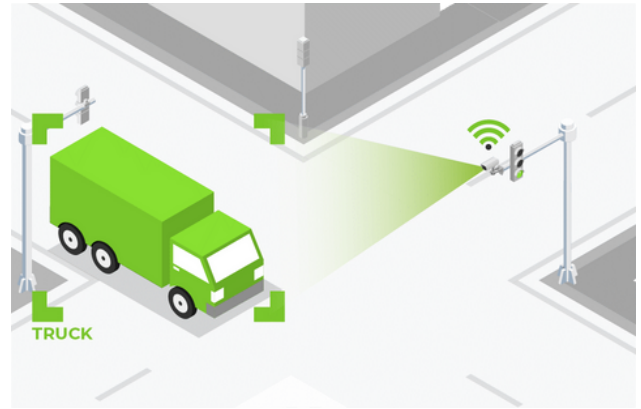| **Deploy your Traffic Sensors** | **Integrate with Traffic Systems** | **Capture All Defined Alarms and Violations** |

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GoodVision Live Traffic

With GoodVision you can monitor traffic 24/7 and adjust traffic controllers in real-time with the most precise traffic data ever. Obtain just-in-time data about traffic volumes, vehicle events and violations. GoodVision's live traffic analytics converts your road-side cameras to an ultimate traffic control system!

- Connect to your existing traffic cameras
- Deploy to your road-side sensors
- Receive real-time traffic events and alerts

TRUCK

Standard traffic object classes supported *Additional classes customizable	Illegal turn, U-turn, illegal lane change detection
Traffic object presence	Illegal parking, curb occupancy
Traffic volume counts, peak	Speeding violation
Speed estimation, avg. speed, travel time	Signal phase recognition, red-light violation
Saturation flows	Vehicle/pedestrian collision points
Vehicle gaps, tailgating	Licence plate recognition
Queue length and occupancy time	Vehicle model recognition
Stopped vehicle detection	Data reports such as Traffic movement count, Vehicle list, O-D Matrix, Peak hours, Saturation flows, Visual data heatmaps

Lanner Edge AI Appliance
EAI-I130B-GV1

- NVIDIA Jetson Xavier NX
- 16GB RAM / 16GB eMMC
- 2x PoE, 1x COM,1x CAN
- M.2 for 5G Sub6 and WiFi
- 150W 12VDC Power adapter
- GVLT SW pre-loaded with Jetpack 4.6.0

Lanner Edge AI Appliance
LEC-2290E-GV2

- Intel Core i7-8700 Processor
- 32GB RAM / mSATA 128GB
- 2.5x256GB SSD Storage
- Nvidia A2 GPU
- GVLT SW Pre-loaded
- 240W AC/DC Adapter

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