

Real-time Traffic Video Analytics



Everything You Need For Traffic Data Analytics In One Place



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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.



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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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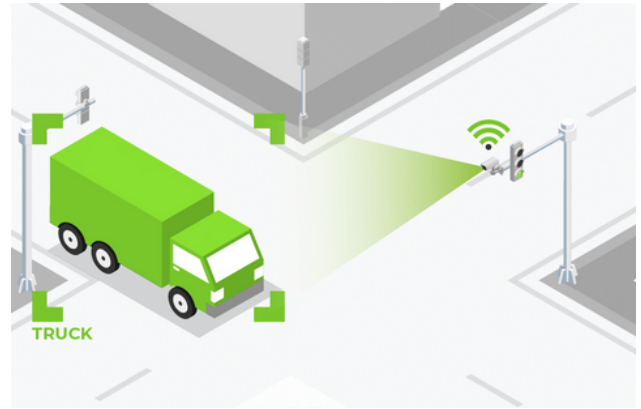
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All product specifications are subject to change without notice.

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



Standard traffic object classes supported
*Additional classes customizable



Traffic object presence



Traffic volume counts, peak



Speed estimation,
avg. speed, travel time



Saturation flows



Vehicle gaps, tailgating



Queue length and occupancy time



Stopped vehicle detection



Illegal turn, U-turn, illegal lane
change detection



Illegal parking, curb occupancy



Speeding violation



Signal phase recognition, red-light violation



Vehicle/pedestrian collision points



Licence plate recognition



Vehicle model recognition



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

