



TrafficClair Monthly Updates

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New Product Launch: ClairEye-V

Unleashing Precision in Motion Detection, Redefining Real-time and Statistical Traffic Insights with Unrivalled Accuracy



Key Features

- Crystal clear 5M resolution (2560*1920) for detailed imaging.
- Starlight-grade image sensor for excellent nighttime performance.
- Independent GPU chip for running more advanced algorithms.
- Capable of traffic, event, and travel time calculation and analysis.
- Supports hardware and software function expansion based on on-site requirements.
- Compatible with both horizontal and vertical pole installations, expanding application scenarios.
- Product installation and debugging can be completed with a single wrench.
- Patented integrated design ensures high reliability in product operation.
- All-weather Operation: Unaffected by day and night, weather, and adverse conditions, ensuring reliable performance in any environment.

[Read More on LinkedIn](#)

ClairEye-i vs. ClairEye-V

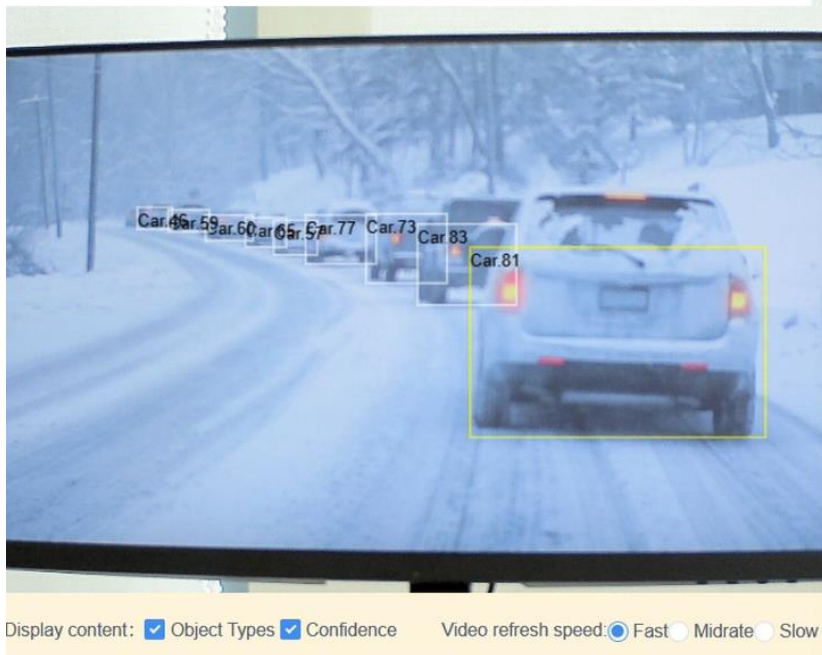


ClairEye-i	ClairEye-V
AI & neural networks processing technology, deep learning + machine learning	SOC+GPU hardware cutting-edge traffic detection algorithms
Vehicle presence, traffic flow, road user identification, event identification	• Real-time Data • Statistical Data • Accurate travel time analysis • Traffic conditions
Good choice for <u>presence detection</u> and work perfectly with ClairBox AI box for easy signal optimizations	Good choices for cases requiring rich detection data especially <u>speed and distance related data</u>

Live Demo

ClairEye-i: Pushing Visual Boundaries to the Limit

Camera Detection Screen

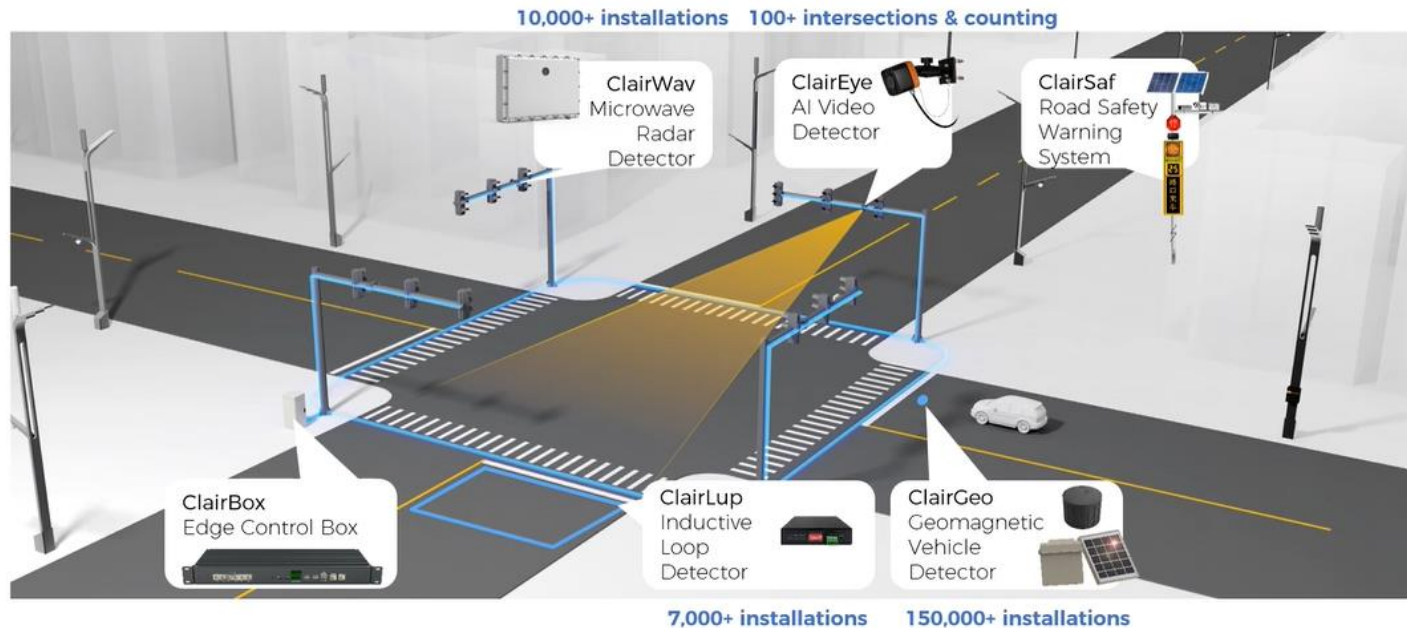


Traffic video detectors offer clear advantages, such as rapid and straightforward installation without the need to cut into the pavement. However, concerns often arise regarding their performance in adverse weather conditions, such as fog, rain, and snow. ClairEye AI video detector is specifically designed to tackle these challenges. It leverages AI and neural network processing technology, featuring cutting-edge vision capabilities with exceptionally high sensitivity.

In the following demonstration, we showcase the detector's performance under extreme adverse weather conditions.

[View Full Video on Youtube](#)

TraffiClair Product at a Glance



**Utilize AI technology to deliver
precise detection data and
intelligent control
optimization strategies
adaptable to any environment,
ultimately making roads
smarter and safer.**

[View Full Video on Youtube](#)

Easy Installation & Indomitable Durability

ClairGeo-M Empowering Magnetic Detection Beyond Limits



- Saving at least 42% construction cost compared with loops.
- Lasts at least 30% longer than loops on average.
- 2-5 minutes easy installation, and easily removed and reused.
- 99% traffic detection accuracy.
- IP68 waterproof: double-layer sealing with ultrasonic welding.
- Impact resistant: withstands 7 tons of compression and undergoes 200,000 impact tests.
- Anti-interference capability allowing reliable communication under strong Wi-Fi interference.
- +150,000 installations & counting

[View Full Video on Youtube](#)

Clair Insights

ISAC 5G-A Revolutionizes Smart Traffic at Hangzhou Asian Games: A Glimpse into the Future of Integrated Sensing and Communication



ISAC (Integrated Sensing and Communication) is coming. What is it? What changes will it bring to our transportation market? What progress have we obtained in Chinese ITS projects?

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Join the journey towards the future of mobility.

Follow us on LinkedIn and YouTube as we unfold the next exciting chapter in traffic innovation!





Thanks

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