



TraffiClair Monthly Updates

2024.04

Kevin Gu

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TraffiClair Website Now Live



We're thrilled to unveil our brand-new website, www.trafficclair.com! 🎉

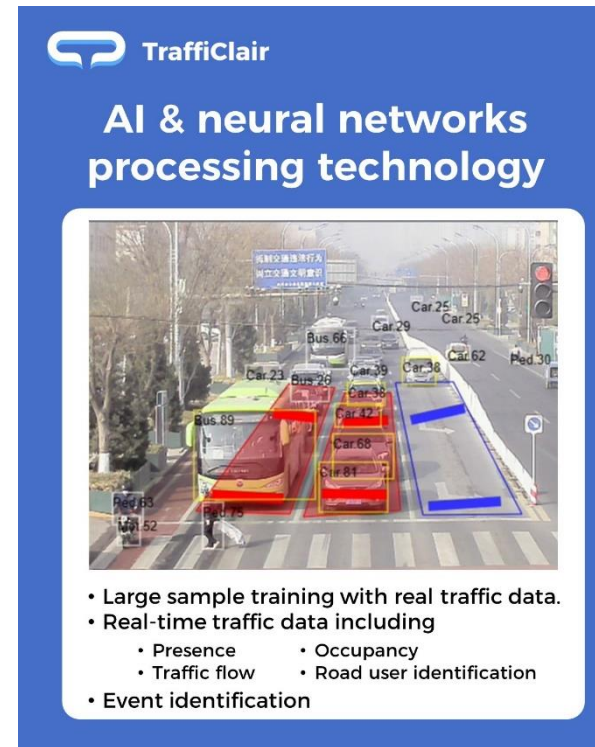
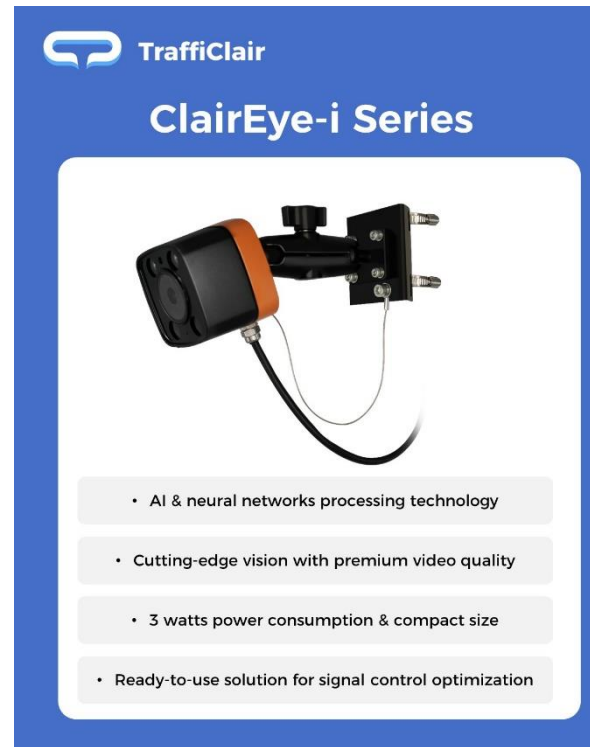
Here's what you can expect from TraffiClair:

- ✓ **Extensive implementation.** Every product and solution have undergone extensive implementation and validation through large-scale projects.
- ✓ **Customized Service.** Embrace OEM services and experience rapid, customized development to meet your unique needs.
- ✓ **One-stop platform.** Providing the one-stop platform that aligns cutting-edge transportation products and technologies in China with the international market.

Visit www.trafficclair.com today to explore our offerings and join the TraffiClair community. Together, let's make our roads safer, more efficient, and smarter! 🌐

Product Presentation

ClairEye-i Traffic AI Video Detector



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[Check detailed presentation](#)

Product Live Demo

ClairEye-i Live Demo Video



This is a tutorial video which will guide you through the essential features and functionalities of our AI traffic video detector ClairEye-i.

[View full video on Youtube](#)

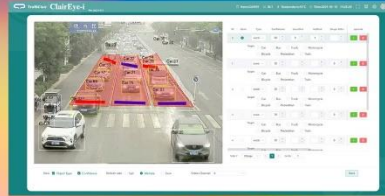
ClairEye-i Revamped

Significant Enhancements Across Software and Hardware



ClairEye-i Revamped
Significant Enhancements Across Software and Hardware

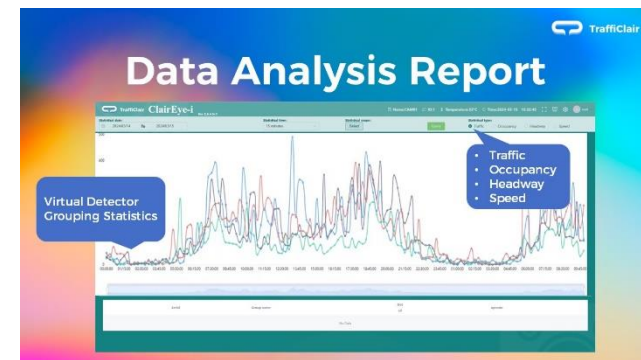
- Brand New Software
- Data Analysis Available
- POE Available
- Sunshield Available



Brand New Software

Brand New UI Design

Dark Mode Available



[Check Details](#)

FAQ

ClairEye-i AI Traffic Video Detector



Q: ClairEye-i video detector utilizes a vast amount of real-world traffic data, and the algorithm is embedded in the AI chip for real-time traffic data processing. Is the data sourced from projects in the local region? Is it suitable for the global market's traffic situations?

Q: With a detection distance of up to 150m, how does the system manage with a small IR? How does it prevent blurring from headlights at night?

Q: The ClairEye-i's power consumption is just 3W with both AI and an optical camera. This seems almost unbelievable. How is this achieved?

.....

[Check Details](#)

Clair Insight

Evolution of Roadside Traffic Radar Frequencies in China Market

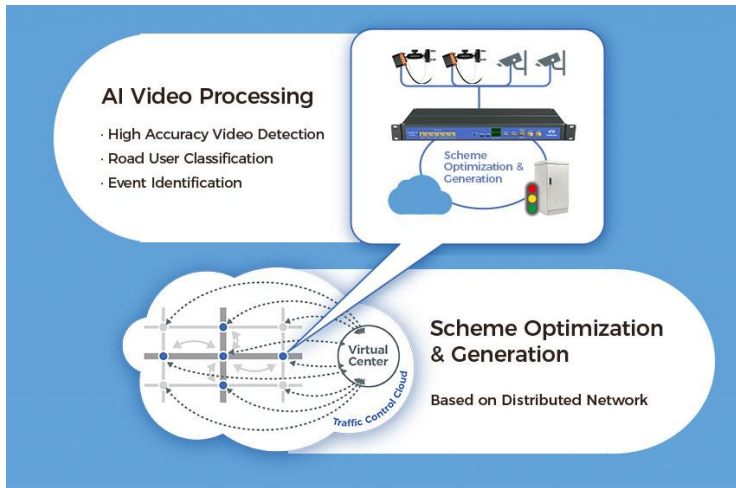


In the Chinese roadside traffic radar market, two primary frequency bands dominate: 24 GHz for short to medium-range applications like urban areas, and 77 GHz for medium to long-range use, especially on highways. Post-2015, advancements in 77GHz millimeter-wave radar chips significantly reduced R&D costs, prompting widespread adoption. The Ministry of Industry and Information Technology's (MIIT) allocation of the 76-79GHz band for automotive radars further accelerated this trend. Manufacturers swiftly transitioned to 80GHz radar systems, aligning with international standards. The 80GHz band, now prioritized by MIIT, serves wide-area radar applications, promising high precision and minimal interference. Looking ahead, discussions suggest potential for the 92-95GHz band to emerge as the next frontier, offering even finer resolution and reduced interference.

[Check Details](#)

Sneak Peek of New Arrivals

1. ClairBox-R AI Box



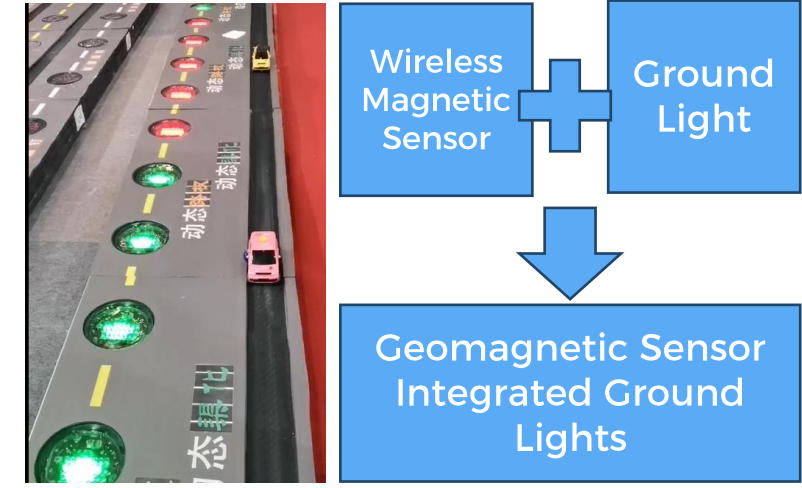
Revolutionize your traffic management with our AI Box equipped with four cameras, delivering the most efficient and rapid solution from video analysis to signal optimization.

2. ClairEye-Sky



Using advanced deep learning models and real-time drone footage, seamlessly detect and track small targets in large aerial scenes, providing synchronized capture, storage, analysis, and output.

3. ClairGeo-Ground Lights



Integrated magnetic and ground light systems enable versatile applications of dynamic lane assignment and dynamic channelization.

Please reply with 1, 2, or 3 via email to indicate your interests. Thank you!

Join the journey towards the future of mobility.

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



Download Previous Issues of TraffiClair Monthly Updates

[202401](#), [202402](#), [202403](#)



Thanks

www.trafficclair.com

