



TraffiClair Monthly Updates

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TraffiClair Introduction Video



Data is fundamental for traffic intelligence as it offers insights into traffic patterns, aiding in effective planning, predictive analysis, and optimized transportation services.

TraffiClair is to utilize AI technology for precise detection data and intelligent control optimization strategies, aiming to enhance road safety and efficiency.

[View Full Video on Youtube](#)

Product Presentation: ClairWav-T24

24GHz Phased Array Traffic Control Radar for both intersection and highway
Integration of radar and vision with detection distance up to 400m



- **AI Real-time Traffic Signal Optimization System**
- Dynamic Traffic Data Monitoring
- Traffic Incident Detection and Reporting
- Real-time Emergency Event Response
- Multidimensional Visualization of Traffic Data
- **Intelligent Highway Full-range Monitoring System**
- Basic Traffic Data Collection
- Traffic Incident Detection and Reporting
- Segment Traffic Situation Display
- Multidimensional Traffic Data Analysis

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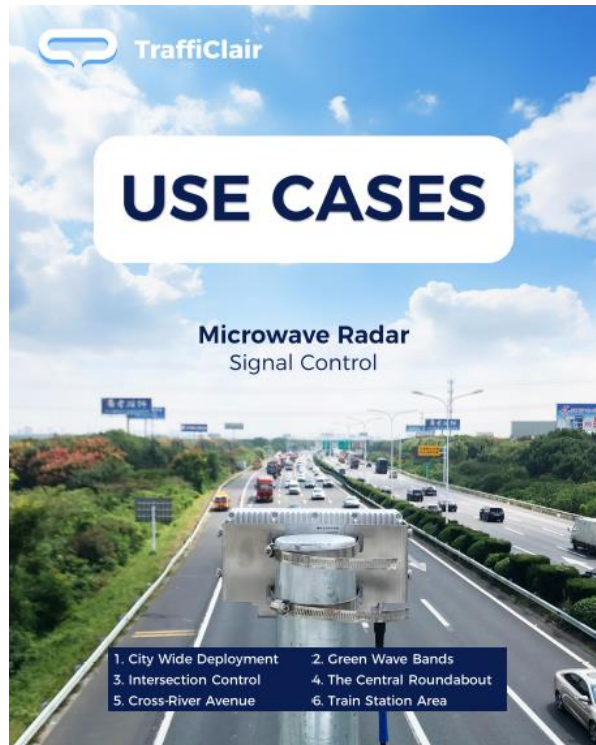
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ClairWav Microwave Radar Family

T24L	T24S	T24LC	T24SC	T77	P60	E24
						
24GHz, multi-target <u>traffic control</u> radar detector, the detection distance ranges up to 400m	24GHz, multi-target <u>traffic control</u> radar detector, the detection distance ranges up to 250m	24GHz, multi-target <u>traffic control</u> radar detector integrated with video camera, the detection distance ranges up to 400m	24GHz, multi-target <u>traffic control</u> radar detector integrated with video camera, the detection distance ranges up to 250m	77GHz, multi-target <u>traffic control</u> radar detector, the detection distance ranges up to 300m,	60GHz, the <u>pedestrian</u> radar detector, the detection distance ranges up to 10m,	24GHz, the <u>enforcement</u> radar detector, the detection distance ranges up to 45m, the detection speed ranges from 5 to 320 km/h.

Use Cases 1

Microwave Radar in Signal Control



TraffiClair Microwave Radar Detectors are extensively utilized nationwide for signal control, freeway monitoring, tunnel management, and V2X applications, with over 10,000 deployments. This slide highlights the primary use cases in signal control applications, including:

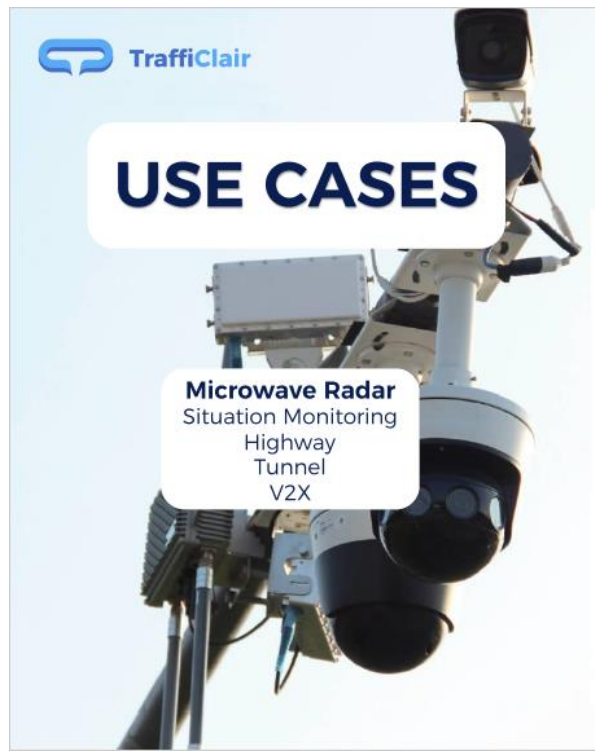
1. Citywide Deployment
2. Green Wave Bands
3. Intersection Control
4. Central Roundabout
5. Cross-River Avenue
6. Train Station Area

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Use Cases 2

Microwave Radar in Situation Monitoring, Highway, Tunnel and V2X



TraffiClair Microwave Radar Detectors are extensively utilized nationwide for signal control, freeway monitoring, tunnel management, and V2X applications, with over 10,000 deployments. This slide highlights the primary use cases in situation monitoring, highway, tunnel and V2X applications, including:

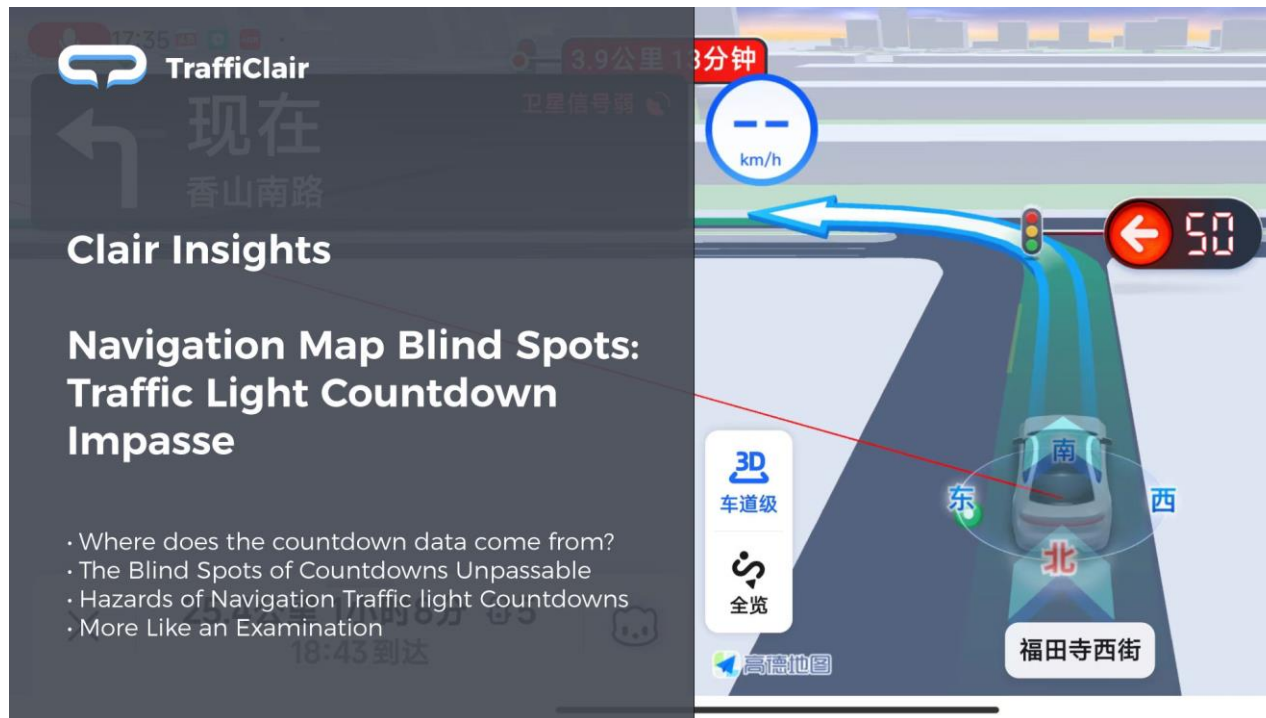
1. Situation Monitoring: Zhongshan, Guangdong
2. Situation Monitoring: Harbin, Heilongjiang
3. Situation Monitoring: Hezhe, Shandong
4. Situation Monitoring: Dongying, Shandong
5. Highway: Huning highway
6. Highway: Shanxi Highway
7. Tunnel: Shanxi Highway
8. V2X: Deqing, Zhejiang

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Clair Insights

Navigation Map Blind Spots: Traffic Light Countdown Impasse



In August last year, Gaode Maps announced that it had covered over 80,000 traffic signal intersections nationwide. In December, Baidu Maps officially announced that its countdown feature covered over 1 million directions, supporting nearly 3,000 cities and districts nationwide.

Opinions on this feature are sharply divided, with some praising its convenience and practicality, while others criticize its user experience. Most express concerns about the inconsistency of countdown reminders across various cities and intersections.

- 💡 Where does the countdown data come from?
- 💡 The Blind Spots of Countdowns Unpassable
- 💡 Hazards of Navigation Traffic light Countdowns
- 💡 More Like an Examination

This article provides a detailed analysis and report on the advantages, disadvantages, and prospects of this application in the Chinese market.

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Thanks

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