



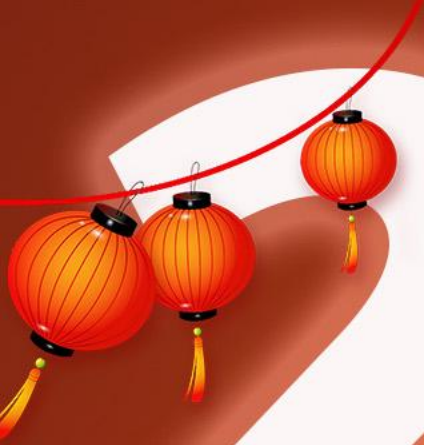
TraffiClair Monthly Updates

2026.01



[Check Video Version](#)

TraffiClair Team



2026

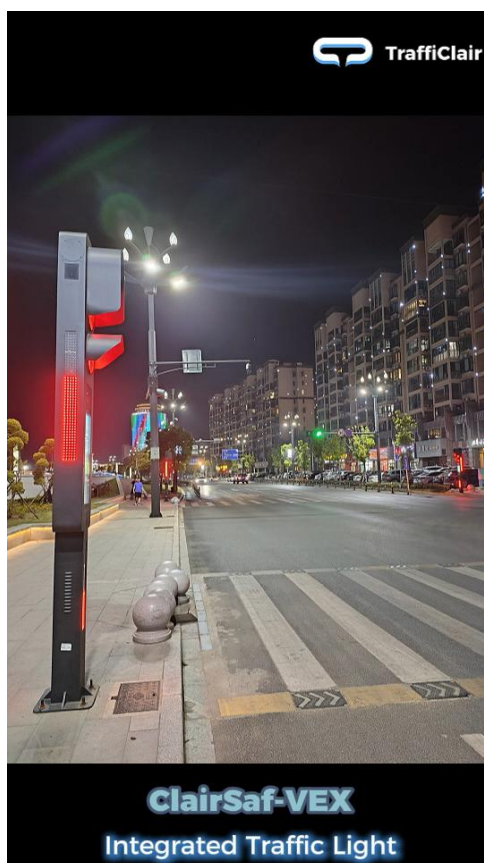
MAY THE YEAR OF
THE HORSE
BRING YOU
STRENGTH, SUCCESS,
AND GALLOPING
GOOD FORTUNE!





ClairSaf-VEX Integrated Traffic Light

Redefining urban mobility with intelligence, safety, and style.



More than a signal, it's a smart pedestrian ecosystem:

- ✓ Inclusive Design – Voice guidance for the visually impaired
- ✓ Smart Safety – Red-light violation capture & real-time alerts
- ✓ Dynamic Communication – 24" multimedia display & synchronized LED countdown strips
- ✓ Urban Integration – Optional smart crosswalk lighting & pedestrian request buttons
- ✓ Data-Driven Insights – Pedestrian waiting zone detection for smarter traffic flow

Blending cutting-edge technology with sleek aesthetics, the ClairSaf-VEX doesn't just guide pedestrians—it transforms intersections into interactive, safe, and visually engaging urban landmarks.

Perfect for modern cities committed to safety, accessibility, and smart infrastructure.

[YouTube Video](#)

[Product Webpage](#)

[Datasheet](#)



ClairSaf-Beacon

APS Audible Beacon



Elevating urban wayfinding with smarter, safer independent mobility for pedestrians with visual impairments.

The ClairSaf-Beacon Intelligent Audible Beacon System brings confidence to navigating complex intersections.

- Clear directional voice guidance, moving beyond ambiguous standard tones
- Durable outdoor construction, built to withstand rain, dust, and high temperatures
- Bluetooth wireless configuration for remote setup and management via mobile app
- Direct signal integration, synchronized with pedestrian crossing timing
- IP54-rated for reliable performance in all weather conditions

We believe technology should serve people first. ClairSaf-Beacon is more than a device—it's a commitment to equitable and confident urban mobility.

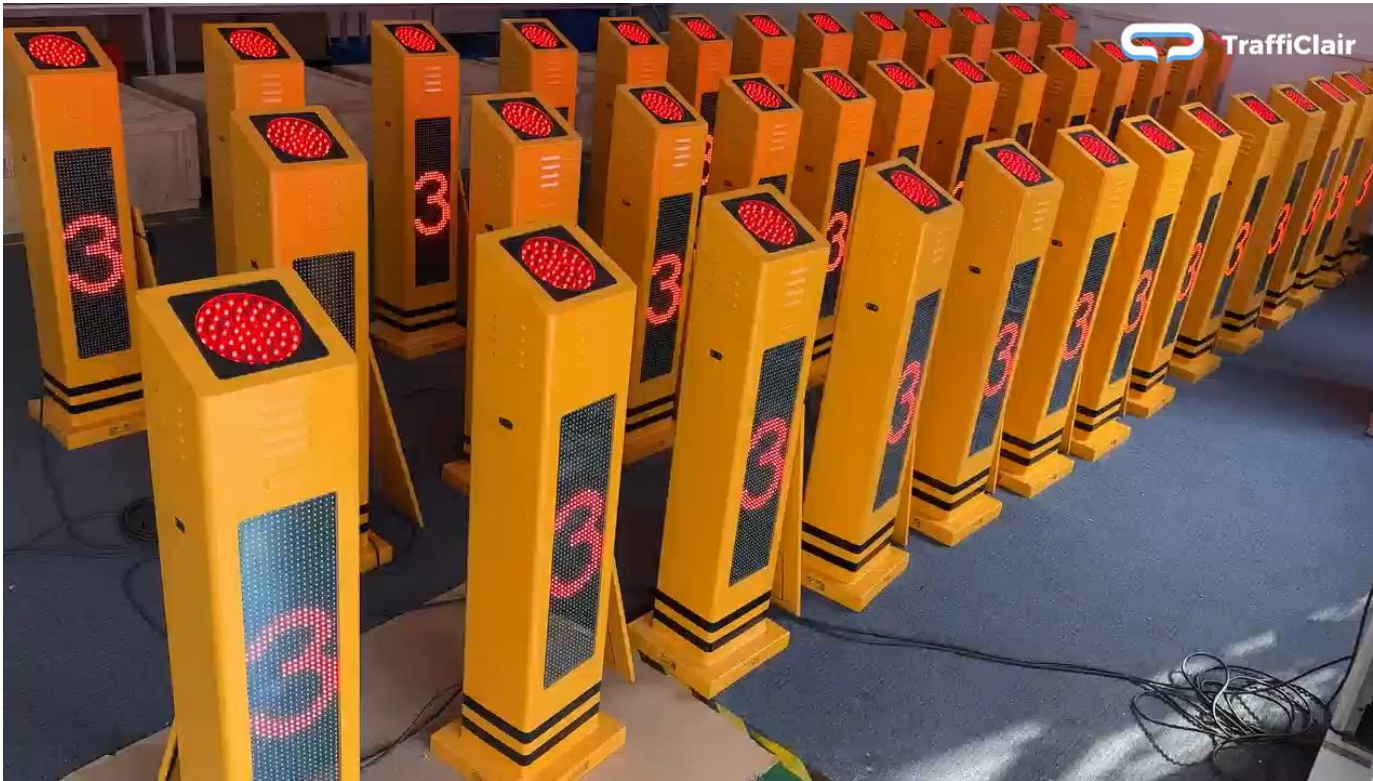
[YouTube Video](#)

[Product Webpage](#)

[Datasheet](#)

ClairSaf-Post

Crosswalk safety just got smarter



I'm excited to introduce the ClairSaf-Post, our new intelligent pedestrian guidance solution. It uses precise sensors and signal sync to deliver timely voice and visual warnings—only when needed—reducing risky red-light crossings.

Key to its design is balancing proactive safety with community comfort, featuring configurable schedules to avoid nighttime disturbances. Built tough, easy to install, and fully manageable via a mobile app.

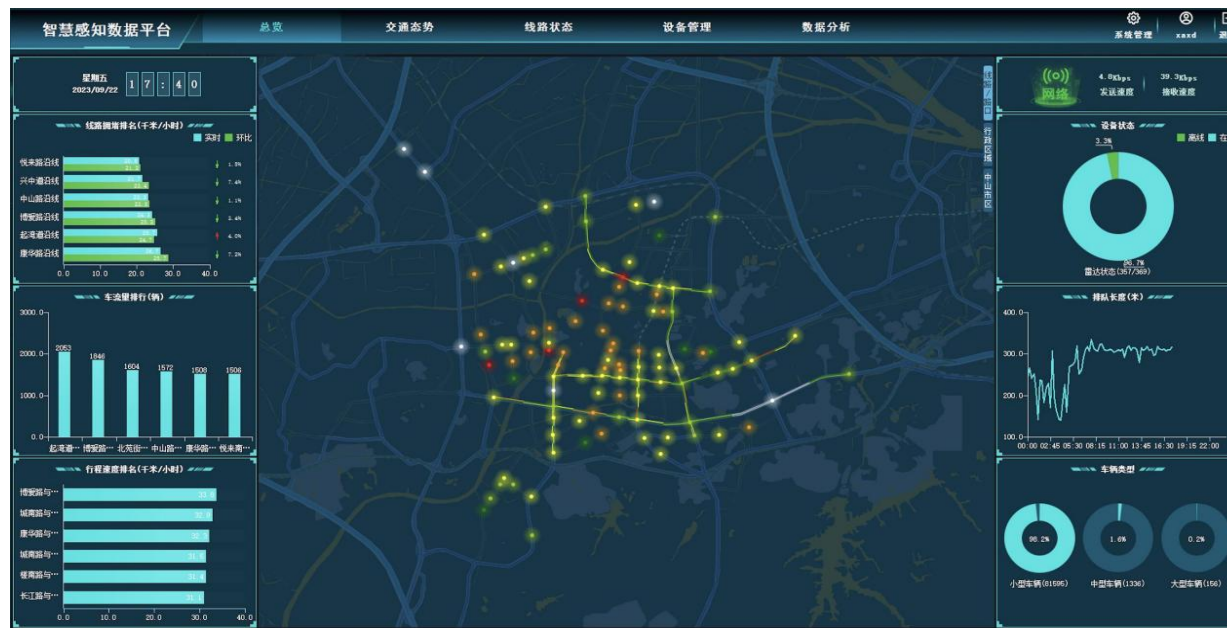
This is how we can build more attentive and safer urban intersections, together.

[**YouTube Video**](#)
[**Product Webpage**](#)
[**Datasheet**](#)



Case Study

How Zhongshan City Builds Resilience with Wide-Area Radar



Strategically located within the Guangdong-Hong Kong-Macao Greater Bay Area, Zhongshan City is enhancing its role as a vital regional hub by deploying an advanced, radar-based traffic monitoring system. To tackle growing congestion and support its "14th Five-Year" transport goals, the city has implemented TraffiClair Radar across over 100 key intersections.

Why Zhongshan Chose Wide-Area Radar:

The system was selected for its all-weather reliability and long-range, high-precision data. With a sensing range of up to 400 meters, it monitors up to 12 lanes simultaneously, providing holographic data—including speed, acceleration, and trajectory—for hundreds of vehicles. This ensures stable, 24/7 operation, even in adverse conditions like heavy rain or darkness, with minimal maintenance.

[Full Story](#)

Case Study

Harbin Smart City Project – Deploying Urban Traffic Monitoring Systems Unfazed by Extreme Cold, Ensuring Stable Traffic Data Collection



Solution

As part of Harbin's smart transportation initiative, over a thousand phased-array millimeter-wave radar units were deployed across the city's main urban areas. These devices are designed to operate reliably in harsh weather, accurately collecting real-time road traffic data. The system provides a robust and steady data engine to support traffic congestion mitigation and optimization in the "Ice City."

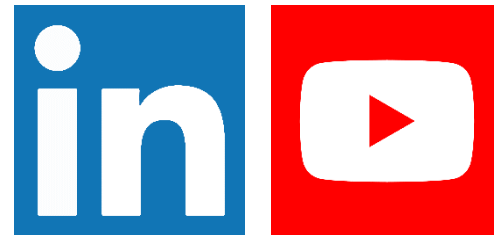
Outcomes & Evaluation

- Deployment at more than 300 intersections
- Stable traffic data collection in extreme cold environments
- Real-time simulation of intersection traffic status
- Comprehensive urban traffic flow analysis

[Full Story](#)

Join the journey towards the future of mobility.

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



[202510](#), [202511](#), [202512](#) Yearly Highlights, [all previous issues...](#)



Thanks

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