

Azulle Unveils iVyu: AI-Optimized Camera Designed for Enterprise Vision Applications

MIAMI , FL, UNITED STATES, April 23, 2025 /EINPresswire.com/ -- [Azulle](#), a U.S.-based brand and global manufacturer of edge-ready computing platforms, announces the launch of [iVyu](#), a purpose-built [AI camera](#) engineered to deliver intelligent, real-time vision for today's data-driven environments.

Designed for seamless integration into advanced analytics platforms and AI inference systems, the iVyu delivers commercial-grade performance in a discreet form factor—ideal for industries where clarity, speed, and precision define operational success.



Engineered for Intelligent Imaging at the Edge

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We developed the iVyu Camera to meet the growing enterprise demand for integrated vision capture in AI deployments —while maintaining Azulle’s commitment to reliability, compatibility, and scalability”

Alex Rodriguez, CEO at Azulle

Unlike consumer-grade webcams or generic USB cameras, iVyu is built for continuous, real-time data capture in professional deployments. Its high-definition resolution, wide-angle field of view, and high dynamic range make it the optimal companion to AI-based analytics platforms in fields such as digital signage, retail intelligence, transportation, security, healthcare, and manufacturing.

Core Capabilities:

Edge-Ready Imaging: Supports AI workflows with MJPG and YUY2 compatibility for real-time data analysis.

Extended Clarity: Maintains consistent high-definition image quality (1920x1080) beyond 16 meters—even with

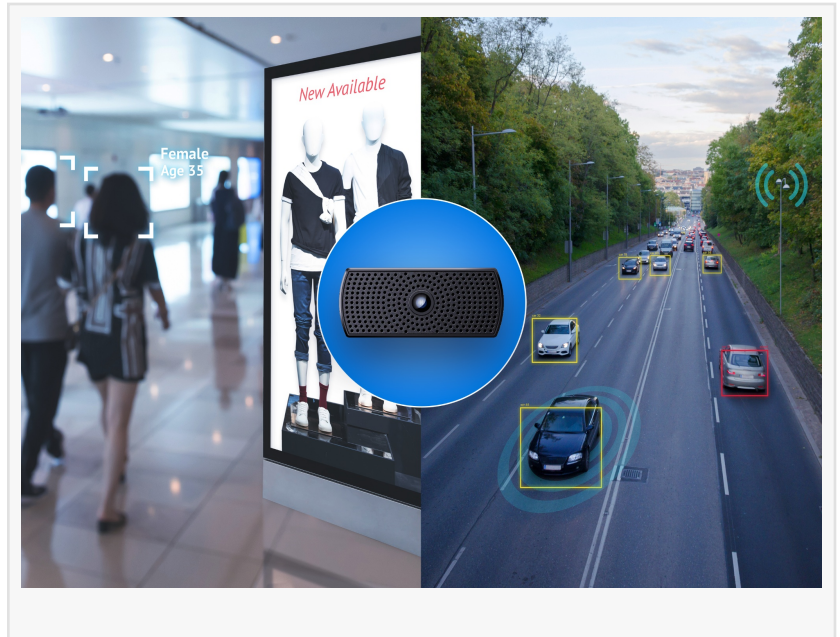
moving subjects.

Enhanced HDR Performance: A dynamic range of 105 dB enables crisp visual capture in varying and low-light conditions.

Wide 98-Degree FOV: Maximizes scene coverage, enabling broader data input for computer vision algorithms.

Compact + Discreet: Designed for seamless integration into digital displays, kiosks, or environmental fixtures.

USB 2.0 High-Speed: Supports broad system compatibility with 480 Mbps transfer speeds and embedded power supply.



Purpose-Built for Mission-Critical Deployments

From crowd analytics and customer behavior tracking to access control and operational intelligence, iVyu is a core enabler of edge AI strategies:

Key Applications:

Digital Signage & DOOH: Audience measurement, people counting, and contextual content optimization.

Retail: Queue tracking, behavior analytics, and visual loss prevention.

Transportation Hubs: Passenger flow monitoring, safety alerts, and intelligent access control.

Healthcare: Secure entry verification, patient behavior monitoring, and staff tracking.

Manufacturing & Warehousing: Anomaly detection, efficiency monitoring, and compliance verification.

Smart Cities & Public Infrastructure: Urban mobility analytics and public safety visualization.

Enterprise-Grade Build, Enterprise-Grade Support

Every iVyu unit is built with commercial-grade components, supported by U.S.-based technical expertise, and backed by Azulle's comprehensive 3-year limited warranty. Customization and integration support is available through Azulle's OEM/ODM program.

Volume purchasing, white-label options, and wholesale pricing are available for qualified partners, resellers, and systems integrators.

Availability

The iVyu AI Camera is now available directly through Azulle and authorized distribution partners.

□ Contact: sales@azulle.com

□ Learn More: www.azulle.com

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