



XOVIS SHOWCASES REAL-WORLD EDGE AI IN ACTION WITH PF-SERIES SENSOR AT EMBEDDED WORLD 2026

BERN, Switzerland, 26 February 2026—Xovis' new PF-Series 3D vision sensor will be showcased at Synaptics Incorporated's booth at Embedded World 2026, demonstrating how the Synaptics® Astra™ SL1680 system-on-chip (SoC) enables high-performance AI and vision processing directly on the sensor.

The PF-Series is a production-deployed 3D sensor designed for large-area people tracking and spatial analytics. Based on the Astra SL1680, the system runs AI inference, vision pipelines, and system control entirely on-device, enabling low-latency operation and simplified deployment without external accelerators.

"Xovis has focused on pushing 3D stereovision to scale reliably in complex, real-world environments," said Christian Studer, CEO and Co-Founder of Xovis. "With the PF-Series, we combined our optical and algorithmic expertise with a tightly integrated AI compute platform to deliver both accuracy and efficiency in a single sensor."

The PF-Series will be shown as part of Synaptics' Edge AI processor portfolio, illustrating how system-level integration at the silicon layer enables complete, deployment-ready sensing solutions.

"PF-Series is a clear proof point for integrated Edge AI," said Vikram Gupta, SVP & GM, Edge Compute & Connectivity Division, Synaptics. "By unifying AI compute, vision acceleration, and system control on Astra SL1680, we enabled real-time vision at the Edge—and Xovis is proving that architecture at production scale."

TECHNICAL HIGHLIGHTS

- The Synaptics Astra SL1680 SoC with integrated 7.9 TOPS NPU, on-chip ISP, and hardware-accelerated image and video pipelines.
- Optimized fisheye optics and lens–imager alignment, increasing coverage and long-term measurement stability.
- High integration and power efficiency, supporting PoE+ and simplified installation.
- Cost-efficient compute density, enabling scalable deployments.

At [Embedded World 2026](#), Synaptics will showcase a live demo of the Xovis PF-Series sensor in Hall 4-A, Booth 259.

ABOUT SYNAPTICS INCORPORATED

Synaptics (Nasdaq: SYNA) is driving innovation in AI at the Edge, bringing AI closer to end users and transforming how we engage with intelligent connected devices, whether at home, at work, or on the move. As a go-to partner for forward-thinking product innovators, Synaptics powers the future with its cutting-edge Synaptics Astra™ AI-Native embedded compute, wireless connectivity, and multimodal sensing solutions. We're making the digital experience smarter, faster, more intuitive, secure, and seamless. From touch, display, and biometrics to AI-driven wireless connectivity, video, vision, audio, speech, and security processing, Synaptics is the force behind the next generation of technology enhancing how we live, work, and play. Follow Synaptics on [LinkedIn](#), [Facebook](#), [Instagram](#), and [YouTube](#), or visit www.synaptics.com.

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ABOUT XOVIS

Xovis is a market-leading technology company that develops, manufactures, and sells 3D sensors and related software solutions for the precise counting and analysis of people flows worldwide. More than 120 airports rely on the Xovis Passenger Flow Management System, while retailers, public transportation operators, and facility managers use the company's sensors to optimize resource allocation and enhance data-driven decision-making. Easy integration, data privacy compliance, high precision, and AI-based features characterize Xovis technology. Founded in 2008, the Xovis Group has more than 700,000 sensors installed globally, employs 200 people worldwide, and maintains offices in Boston (USA), Bern (Switzerland), Berlin (Germany), and Gurugram (India).

For more information about Xovis and its solutions, visit www.xovis.com.