

FOR IMMEDIATE RELEASE:

Microscan Unveils the World's Smallest Autofocus Smart Camera Platform at The Vision Show 2016

RENTON, WA, April 14, 2016 – Microscan, a global technology leader in barcode, machine vision, verification, and lighting solutions, announces that it will unveil an all-new platform of the world's smallest machine vision smart cameras at [The Vision Show 2016](#), taking place at the John B. Hynes Convention Center in Boston, Massachusetts, from May 3-5. Members of the Microscan executive, product management, and marketing teams will showcase this groundbreaking technology platform from Booth #1122, demonstrating how a single, compact device will redefine industrial imaging to comprehensively address applications from barcode reading to complex inspection.



In 2011, Microscan introduced the term “Auto ID+” with the launch of its [AutoVISION®](#) machine vision product family – a convergence of the company’s separate 30-year legacies in barcode and machine vision innovation on a single smart camera platform. AutoVISION Machine Vision Software provided the foundation for this technology and began to redefine the smart camera as a single hardware solution to accomplish what have historically been discrete applications for barcode reading and simple inspection, each requiring its own specialized equipment. AutoVISION cameras (Vision MINI® and Vision HAWK®) were the first to offer auto ID (barcode) *plus* simple machine vision tools like location, presence/absence, measurement, Optical Character Recognition (OCR), and more. This architecture eliminates redundant equipment, reduces requirements for integration space, and dramatically cuts cycle times for barcode reading and machine vision applications, which streamlines time and cost efficiency.

With AutoVISION widening the scope of industrial applications addressed by imaging technology, Microscan engineers have continued to extend the capabilities of imaging devices to integrate more comprehensive, user-friendly tools into increasingly powerful, miniaturized platforms. At The Vision Show 2016, Microscan will introduce the latest technology platform, combining its smallest-ever imaging devices with a new release of AutoVISION Machine Vision Software. The result will be a fully-capable barcode reading suite consisting of four unique smart cameras, which will adopt the complete machine vision toolset of AutoVISION for “Auto ID+” applications; scaling up to Microscan’s Visionscape® Machine Vision Software for complex inspection and machine vision programming. This new platform will not only offer the full library of Microscan’s software capability, but will do so on the smallest, most flexible hardware design ever offered in smart camera design.

The incredible form factor of Microscan’s next-generation platform will be rivaled only by the simplicity of its user experience. Fully-adaptable to any barcode reading or machine vision application, users will be able to choose a single smart camera with the ideal footprint, industrial rating, and connectivity to build in any combination of fully-integrated features, including sensor, optics, autofocus, and lighting – greatly reducing the complication and cost of integrating a one-size-fits-all solution. Users will also be able to choose their software interface with capabilities to compliment the needs of their application, from basic

barcode reading to advanced measurement, gauging, and inspection. One such interface will be a new release of Microscan's AutoVISION Machine Vision Software, which will feature all-new inspection tools including:

- Tools for color identification, spot checking against stored colors, and counting or checking presence of certain colored features (such as on packaging, or test tube caps);
- Circle Measure tool to measure the radius of circular part features or drill holes;
- Enhanced Locate tool to find multiple features of a part at once and inspect the integrity of a part based on the relative locations of features to ensure production accuracy.

From mini to micro to omni-capable, Microscan's new devices will power the range of image-based automation applications from one incredibly small smart camera platform. Be the first to get a preview of Microscan's new machine vision innovations slated to join its product line this summer 2016. Keep an eye on what's coming from Microscan at www.microscan.com or see new products live at Booth #1122 at [The Vision Show 2016](#). Experts from the Microscan team will be on-site at the show to offer personal demos of the new smart camera suite and answer tough questions about machine vision inspection. [Register today for The Vision Show and get a free conference pass on behalf of Microscan.](#)

About Microscan

Microscan is a global leader in barcode reading, machine vision, and verification technology serving a wide range of automation and OEM applications. Founded in 1982, Microscan has a strong history of technology innovation that includes the invention of the first laser diode barcode scanner and the 2D symbology, Data Matrix. Today, Microscan remains a leader in automatic identification and inspection with extensive solutions ranging from barcode reading, tracking, and traceability up to complex machine vision measurement, guidance, code verification, and print quality grading.

As an ISO 9001:2008 certified company recognized for quality leadership in the U.S., Microscan is known and trusted by customers worldwide as a provider of quality, high precision products. Microscan is a part of [Spectris plc](#), the productivity-enhancing instrumentation and controls company.

Microscan Contact

Corporate Headquarters, U.S.

Ashley Mammano, Marketing Specialist

+1 425-203-4927; amammano@microscan.com

###