

# Introduction of iRAYPLE's New 5MP/12MP 1 Channel CXP Area Scan Cameras

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EINPresswire.com/ -- [iRAYPLE](#) has announced the launch of its latest 5MP/12MP 1 Channel CXP Area Scan Cameras. The new models are specifically tailored to address the inspection requirements of industries such as semiconductors, 3C electronics, and lithium batteries, providing efficient and reliable support for precision inspection applications.

Compact Design & High-Speed Output  
Ultra-Short Exposure

Leveraging the CXP-12 high-speed interface, the series supports high-frame-rate output and ultra-short exposure ( $1\ \mu\text{s}$  @ 5MP), ensuring crisp and stable imaging even in demanding semiconductor inspection scenarios.

Space-Constrained Housing

Featuring a  $29 \times 29 \times 42\ \text{mm}$  housing, the cameras provide exceptional flexibility for seamless integration in space-constrained environments.

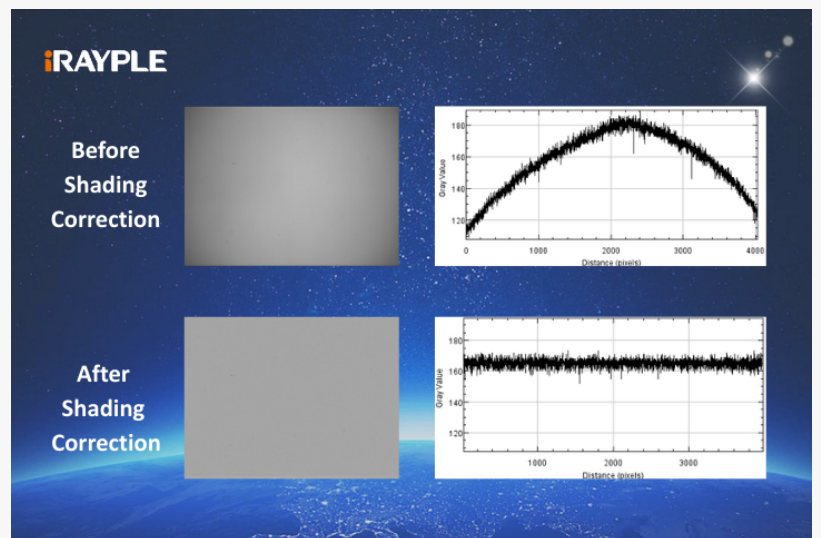
Professional Shading Correction

Integrated professional algorithms effectively compensate for uneven illumination and lens shading. The one-click correction function enables parameter export, simplifying backup, archiving, and large-scale deployment.

High-Speed Output & Ultra-Short Exposure



Compact Design



Shading Correction

Supports up to eight parameter groups, allowing users to configure different exposure and gain settings to suit diverse inspection conditions.

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Incorporating CCM adjustment algorithms together with hue and saturation tuning, the cameras meet the rigorous image quality demands of industries such as SMT inspection.

With these advancements, iRAYPLE's new CXP area scan cameras deliver superior image quality, greater operational flexibility, and enhanced efficiency across a broad spectrum of industrial applications.

#### About iRAYPLE

iRAYPLE, the flagship brand of Zhejiang HuaRay technology Co., Ltd, is a professional company focusing on R&D, manufacturing, and sales of machine vision and autonomous mobile robot (AMR) products and solutions. Concentrating on smart manufacturing, we have always insisted on satisfying customers' needs, creating value to help customers reduce costs, and making factories smarter. Founded in 2016, the business has expanded to cover more than 50 countries and regions.

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Multi-Parameter Switching



Color Correction(CCM)

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