

Featured Article

Weekly newsletter from the editors of Photonics Spectra, featuring one must-read article every issue.

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Hyperspectral Imaging Permeates Mainstream Manufacturing



Barriers to the manufacturing sector's adoption of hyperspectral imaging are falling, improving high-precision process inspections and real-time analyses for pivotal industries.

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Featured Products



Hyperspectral Intelligence

Cubert GmbH

Cubert's ULTRIS cameras

capture the full spectrum in one shot — no scanning, no delay. This real-time hyperspectral imaging is a game-changer for precision tasks in agriculture, medical diagnostics, and material analysis. It solves the need for fast, accurate data with compact, scalable systems. From drones to labs, VNIR to SWIR, enabling photonics innovation across research, industry, and OEMs. Hyperspectral intelligence. Real-Time.

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FX Hyperspectral Cameras

Specim, Spectral Imaging

Specim FX series

hyperspectral cameras deliver rapid, non-contact material analysis, enabling real-time classification based on chemical composition. With high-speed line-scan imaging and spectral coverage from 400 nm to 12.3 µm, they are ideal for industrial machine vision applications such as food quality control, waste sorting, and mineral exploration. Their compact design and standard interface ensure easy integration into production lines.

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