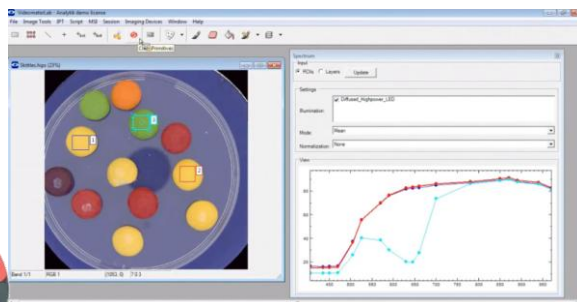


## PixelCam多光譜攝像檢測應用

SpectroCam™ multispectral cameras deliver live processed images of 6-8 spectral bands at full-frame resolution and rates up to 25 frames per second (~2-4 stacks per second). Configure SpectroCam™ using standard and custom interchangeable optical filters. Available in ultraviolet, visible, and short-wave infrared versions, SpectroCam™ cameras incorporate high-sensitivity image sensors. SpectroCam™ makes multispectral imaging accessible to any user - speeding the development and deployment of all kinds of multispectral applications. Capture live images within minutes, using the included acquisition software to enhance contrast and see beyond human vision

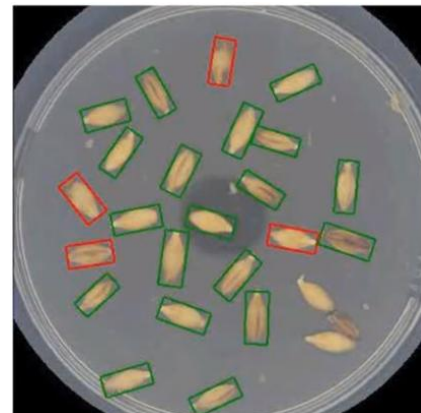
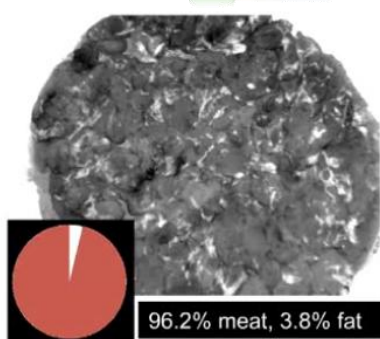
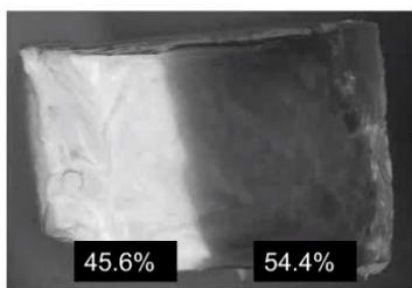
Applications• Biomedical markers

- Medical tissue analysis
- Forensics examination
- Authentication
- Art & archeology
- Food quality grading
- Colorimetric assays
- High accuracy color
- Enhanced night vision



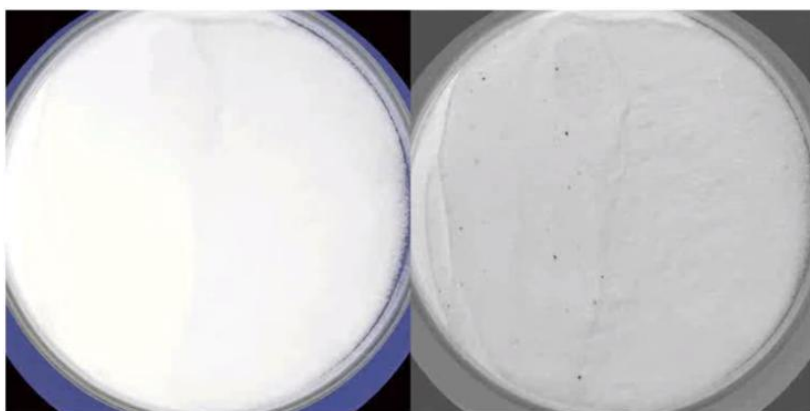
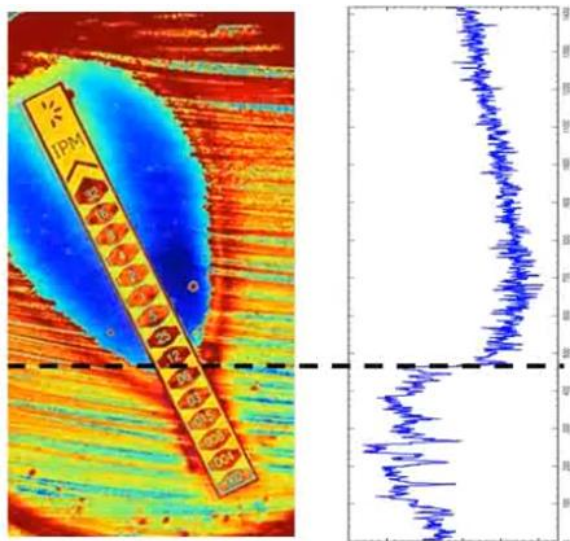
肉品組成分析

穀物發芽監測



抗菌效能監測

粉末中未知污染檢測



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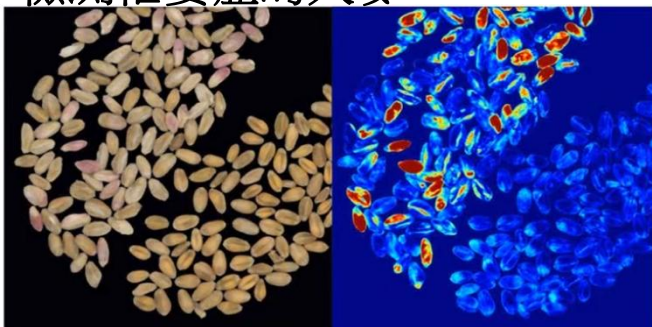
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## PixelCam多光譜攝像檢測應用

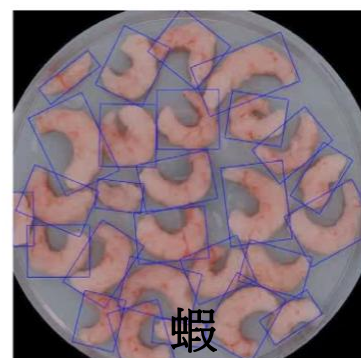
	SpectroCam™ UV	SpectroCam™ VIS		SpectroCam™ VIS-SWIR 640	SpectroCam™ SWIR 320
Spectral response	200-900nm (UV+VIS+NIR)	400-1000nm (VIS+NIR)		500-1700nm (SWIR)	900-1700nm (SWIR)
Sensor	CCD, UV- enhanced Si 1392 x 1040px 4.65µm pixel pitch	CCD, silicon, 5MP 2456 x 2058px 3.45µm pixel pitch	CCD, silicon, 1.4MP 1392 x 1040px 6.45µm pixel pitch	InGaAs 640 x 512px 15µm pixel pitch	InGaAs 320 x 256px 30µm pixel pitch
Spectral bands	8	8	8	6	6
Active area	6.4 x 4.8mm	8.47 x 7.1mm	10.2 x 8.3mm	9.6 x 7.68mm	9.6 x 7.68mm
Frame rate	Up to 15 frames/sec	Up to 15 frames/sec	Up to 20 frames/sec	Up to 25 frames/sec	Up to 25 frames/sec
Optical interface	F-mount standard (manual aperture & focus), range of lenses available, adapters available on request				
Digital output	Gig-E, 10bit	Gig-E, 12bit	Gig-E, 12bit	Gig-E, 14bit	Gig-E, 14bit
Size & weight	136 x 124 x 105mm (5.4" x 4.9" x 4.1") 908g (2.0lbs)	136 x 124 x 105mm (5.4" x 4.9" x 4.1") 680g (1.5lbs)	136 x 124 x 105mm (5.4" x 4.9" x 4.1") 680g (1.5lbs)	136 x 124 x 116mm (5.4" x 4.9" x 4.1") 908g (2.0lbs)	136 x 124 x 116mm (5.4" x 4.9" x 4.1") 908g (2.0lbs)

### 產品尺寸區分

### 檢測枯萎症的大麥



穀物



蝦

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