

PRESS RELEASE

High contrast imaging for food and industrial inspection

Martinsried, 16-Sep-11 – Dual Energy X-ray Sensitive Line-Scan Camera Creates Enhanced Images for Precise Characterization of Materials.



AMS Technologies introduces the Dual Energy XD8800 Series Line Scan Camera specifically designed for imaging materials and objects requiring improved detection and composition classification. Dual energy x-ray imaging technology consists of combining two radiographs acquired at two distinct energy levels thus allowing density as well as other material characteristics to be determined.

The XD8800 Series Camera is available with the following standard energy range options: Low energy range (25 – 100 KeV) and High energy range (45 – 160KeV). Standard XD Camera models are available with 8 active detector lengths ranging from 307mm to 1229mm. Resolution (number of active pixels) range from 192 x 2 to 768 x 2 with pixels on 1.6mm centers, 384 x 2 to 1536 x 2 with pixels on 0.8mm centers, and 768 x 2 to 3072 x 2 with pixels on 0.4mm centers. Other active detector lengths and resolutions can be supplied upon request with the minimum length being 154mm.

Applications for the X-Scan dual energy imaging cameras include food and industrial inspection requiring high contrast imaging, composite material sorting, rare metal and mineral detection, security and cargo screening, drug detection, waste sorting and recycling.

AMS Technologies – where technologies meet solutions

AMS Technologies is Europe's leading solution provider and distributor for Optical, Power and Thermal Management Technologies, with almost 30 years of experience to date and currently serving more than 1000 European customers. AMS Technologies has been delivering solutions into a variety of high-tech markets, including renewable energies, medical, defence & aerospace, telecom & datacom, research & scientific and various other industrial segments. Our customer base consists of Europe's largest leading technology corporations, a network of universities and research institutes as well as the most promising start-ups.

We thrive by working in a 'customer first' environment. Our pan-European customers are serviced from a network of local offices in Germany, the UK, France, Italy, Spain and Norway, with a focussed operations and logistics centre located in Munich, Germany. For further information about AMS Technologies please look at www.amstechnologies.com