HDMI Camera

You can achieve advanced imaging capabilities using CVE’s HDMI camera combined with adjustable cross-hairs for extra precision. The camera is fully integrated with our user-friendly, PC-based, CNC controlled human machine interface (HMI) with data logging and recipe storage.

Benefits of the HDMI camera include:

- **Adjustable cross-hair feature**
  Calibration tool for accurate line, shape, and area measurement

- **Auto-focus and zoom capability**
  Up to 10x magnification

- **Image and video capture**
  Fully exportable to your preferred format

- **HDMI quality**
  Viewing of intense welding
Backscattered Electron Imaging

The backscattered electron imaging feature works by scanning a beam in a raster pattern to generate a backscattered image of an area - like what scanning electron microscope (SEM) produces.

High-resolution images
Create high-resolution images allowing for better examination of surface layers

Conventional HDMI image

Backscattered electron image