Digital CCD & CMOS **Cameras** ....

for Microscopy & Video Inspection

Aven offers a variety of cameras to meet the increasing demand for image capture, analysis, sharing and building an image library of your work.

Our **USB cameras** are supplied with **professional grade image capture and measurement software**, which provides simple, accurate and easy-to-use controls for image capture, notation and measuring. Measuring capabilities include length, width, height, thickness, circumference, radius, angles and dot counts while notations can be easily made on any given image. The software also includes **auto white balance and color enhancement** among other benefits while **image capture** and storage is intuitive.

Our **VGA Camera** allows you to **connect our camera directly to a PC monitor without a PC.** This camera has Auto Exposure coupled with variable output resolution to match displays. It is professionally designed with a robust metal housing, C/CS Mount and a useful tripod screw.

It provides a good, affordable solution for QC and inspection applications while also offering an economical solution for schools and colleges.

Our **MiniVue camera is the only USB Digital camera with a integrated 2 inch LCD screen.** This 3.1 megapixel camera gives you the flexibility to work without a computer. For applications requiring a larger view size, an external analog port is also available for viewing on a monitor. Adjustments to color balance and brightness is made using the on board controls. Images and video can be saved to an SD card or connected to to a computer for hard drive storage.

miniVue USB Digital **Color Camera**

World's first digital color camera for microscopy and video inspection applications with a 2" LCD screen and instant image capture feature with the built-in SD card. A PC is not required for image capture or image viewing, saving bench space and money. A 2.0 USB outlet allow direct connection to a PC. Can be used with any microscope or video lens with a C Mount.

ORDER # 26100-230	miniVue USB Digital Color Camera
MEGAPIXEL | SENSOR	3.1M | 1/2" Color CMOS
FRAME RATE	28 fps

CMOS **Digital Cameras**

The color matrix technology creates high fidelity color reproduction. Easy one click image acquisition and storage. The camera comes with feature packed image capture software for sharing, annotation and measurement.

	ORDER # 26100-240 1.3M USB Digital Camera	ORDER # 26100-241 3.0M USB Digital Camera
MEGAPIXEL SENSOR	1.3M (1280 x 1024) 1/3" Color CMOS	3.0M (2048 x 1536) 1/2" Color CMOS
FRAME RATE	15 fps at 1280 x 1024 30 fps at 640 x 480	11 fps at 2048 x 1536 30 fps at 640 x 480

USB Digital CCD **Color Camera**

Equipped with a high quality Sony CCD sensor, these USB 2.0 cameras offer excellent sensitivity and a high dynamic range. Features include; auto white balance, full exposure control, programmable gain, sub-windowing and region of interest. It is ideal for higher-end scientific, medical, ophthalmic and life science applications.

ORDER # 26100-242	USB Digital CCD Color Camera
MEGAPIXEL | SENSOR	3.3M (2048 x 1536) | 1/1.8" Color CCD
FRAME RATE	30 fps at 640 x 480 | 5 fps at 2048 x 1536

VGA Digital **Color Camera**

The VGA Digital Camera outputs a standard VGA signal to connect the camera to any standard PC monitor. Four selectable resolutions match many PC monitors(1440x900; 1280x1240; 1280x720; 1224x768). No PC required for image processing. Equiped with a scientific grade 1/3" 2.0M sensor.

ORDER # 26100-252	VGA Digtial Color
MEGAPIXEL | SENSOR	2.0M | 1/3" Color CMOS
FRAME RATE	50/60 fps

Color HD VGA cameras allow you to connect directly to a PC monitor. The built-in SD card can save images directly from the cameras. The camera's features can be controlled via on screen menus. The Industrial model features measurement software built right in to the camera.

	ORDER # 26100-253 VGA HD Color Camera	ORDER # 26100-254 VGA Industrial Color Camera
MEGAPIXEL | SENSOR	1.3M at 24Bit | CMOS 1/2.5	1.3M at 24Bit | CMOS 1/2.5
FRAME RATE	30 FPS at 1280 x 1024	30 FPS at 1440 x 900
STILL FORMAT	Bitmap	Bitmap

VGA HD **Color Cameras**