



A Maxcess
International
Company

DAC-004

Diode Array Camera Sensor

The DAC-004 digital camera sensor is the ideal solution for a wide range of difficult to sense materials from nonwovens to steel. The camera utilizes a total of 7,450 pixels and up to four edges of material with web width output. Its digital sensing offers high resistance to contamination, dust particles, oil, vapors, and water. It also has the ability to connect via Analog or Digital with fieldbus network connectivity and runs in a variety of applications from armless rewinding, center, edge, and line guiding to web width measurement. Setup is straightforward with PC based software (Virtual PC Scope).

Note: Screen shots on page two illustrate the ease of use of the Virtual PC Scope Software.



KEY BENEFITS

SPECS

General Specifications

Compatibility:
DAC-002, DAC-003

Interfaces With:
CIC-10, INTB-30, CDP-01

CCD Array:
7450 pixel count

Resolution:
= (FOV / 7450)

Discrimination:
Tracks up to 255 edges per output

Power:
12VDC to 24VDC

Analog Outputs:
4 (0-10 mA), 2 Edge + 2 Width

FifeNet:
Yes, Connect to CDP-01, SBPC-21

Lens:
28-70 mm, 70-210 mm

Temperature:
0-55° C

Housing:
IP-67 (DIN 40050)

Key Benefits:

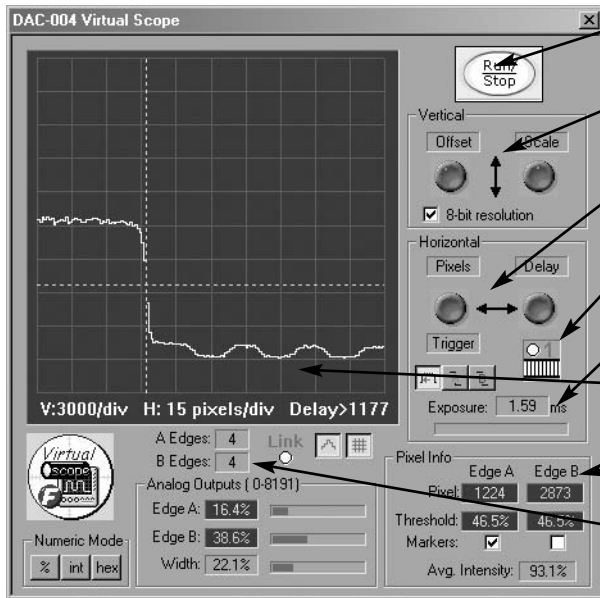
- Digital 7,450 pixel CCD sensing ignores contrast changes and has high linearity and accuracy.
- Digital sensing offers high resistance to contamination from dust particles, oil, vapors, smoke, and water.
- FifeNet allows on-the-fly parameter changes and alarms from the CDP-01 or by using Serial Bus Communication (SBPC-21) products.
- Extremely flexible bandwidth and gap settings.

Applications in:

- DAC-002 and DAC-003 replacement
- Edge or Center Guiding with one Camera
- Width Measurement with one Camera
- Armless Rewind Guiding
- Corrugated (Edge and Preprinted Line)
- Nonwovens

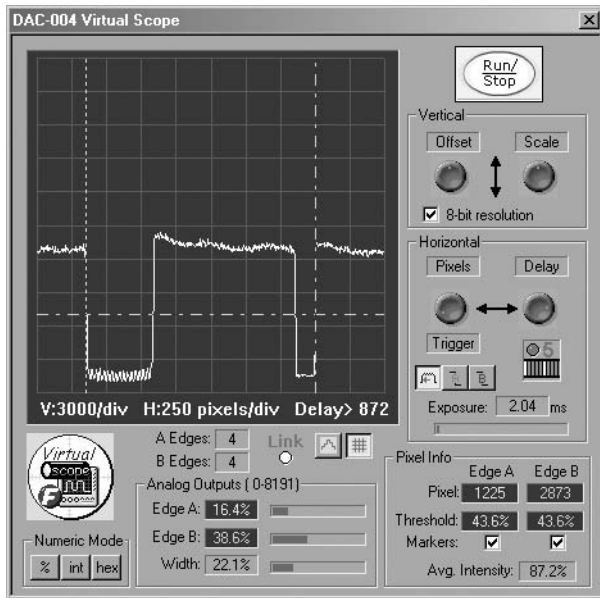
Benefits of PC Scope

Single Web Application



- Run/Stop or Single Frame Capture
- Vertical Screen Controls
- Horizontal Screen Controls
- Screen Pixel Resolution
- Camera Exposure Time + Bar Graph
- Edges and Threshold Markers
- Edges and Threshold Data
- Number of Valid Edges

Multiple Web Application



- Quick, remote setup with a laptop or PC
- Eliminate the need to learn or use additional calibration tools (no oscilloscope needed)
- Excellent diagnostic tool for troubleshooting or preventative maintenance
- Flexible display of data is easily configured to the individual preferences of the machine operator

Complementary Products:

FIFE
 CDP-01 Web Guide Controller
 KAMBEROLLER® Steering Guides
 SBPC Serial Bus Communication

TIDLAND
 Slitting Products & Systems
 Winding Products

MAGPOWR
 Tension Control Products
 Torque Control Products



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