



## Accu-Sort's new AV1200 for bar code reading or OCR applications

The AccuVision 1200 is the newest addition to the AccuVision product line. The AV1200 camera focus is fixed for a 2-inch depth of field over a 13-inch field of view.

It can be configured to read and decode linear and two dimensional bar codes, including Post Net, and provide high quality, high resolution image data for subsequent processing operations. Both image processing and bar code decoding can be accomplished at transport speeds up to 450 feet per minute.

The AV1200 combines a 200 DPI lens and leading edge image processing technology to provide extremely high

quality images in both gray data and binarized form for OCR applications. Image data is provided over a standard digital camera interface compatible with most commercially available third-party line scan interface boards, simplifying integration into your system.

The AV1200 is easy to install. The compact enclosure houses the camera, optics, and illumination. Ports for connection to a tachometer and photo sensor are easy to access. Reduced maintenance requirements and modular design ensures minimal down time and facilitates service.

The AV1200 provides a low cost, effective solution for your bar code, 2D code, or OCR applications.

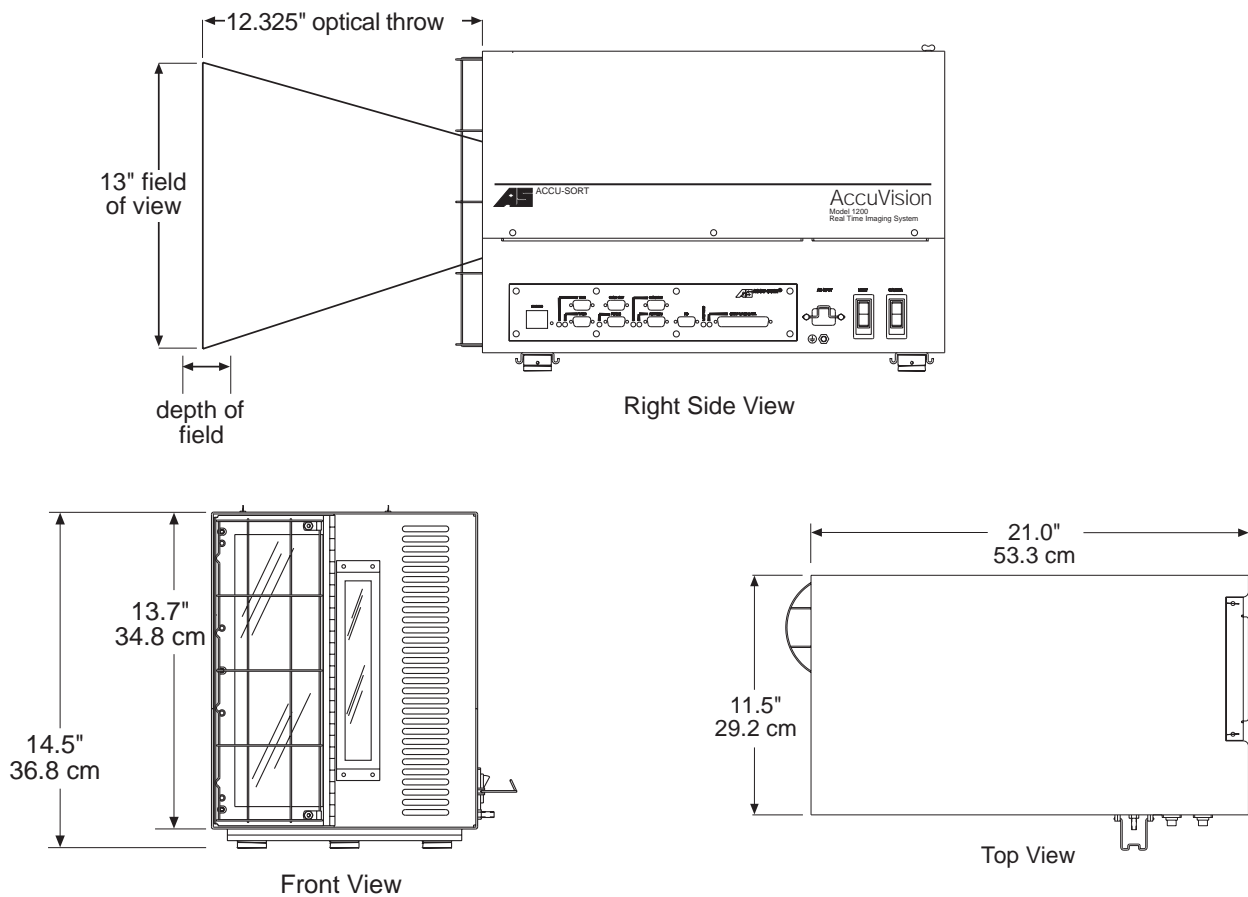
### Typical applications include:

- Flat mail sortation
- Mail piece collation
- Mail distribution operations

## OUTSTANDING FEATURES

- ▶ **Ideal for flat mail applications**
- ▶ **Provides images in gray data and binarized form**
- ▶ **Bar code and 2D code (including PostNet) decoding at transport speeds up to 450 FPM**
- ▶ **Uses a standard digital camera interface for easy integration into your system**
- ▶ **Compact modular design with easy access connector ports**

 *Solutions with vision®*



## Product Specifications

### Resolution:

200 DPI

### Orientation:

Omni-directional

### Depth of Field:

Up to 2" (2.5 cm-5.1 cm)

### Field of View:

Up to 13" (33 cm)

### Throughput:

3 labels per second (PostNet)

### Light Source:

400 watt sodium lamp  
24,000 hours MTBF  
Servo-controlled solid state supply

### Connections:

Host  
Console  
Tachometer  
Photosensor  
Gray Data/Binary Output

### Operating Current:

6 Amp@ 115 VAC, 60 Hz  
or  
3 Amp@ 230 VAC, 50Hz

### Weight:

30 lbs (13.6 kg)

### Size:

Length - 21" (53.3cm)  
Width - 11.5" (29.2 cm)  
Height - 13.7" (34.8 cm)

### Temperature Range:

32°-122°F (0°-50°C)

### Relative Humidity:

10%-90% non-condensing

### Enclosure:

NEMA 12 (I.P. 54)

### Service options:

Installation assistance  
On-site training

### Conveyor speeds:

Up to 450 FPM (2.3 m/sec)

### Warranty:

1-year limited, parts and labor

Accu-Sort reserves the right to change specifications without notice

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