



# Scanservice Corporation SEMScan 1100

## SEM Passive Image Capture System

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### Overview

SEMScan 1100 provides real-time digital image capture for analog based SEMs. Windows based software and PC based hardware allow the capture and conversion of SEM images to standard PC formats.

### Basic Features

- Continuous Capture, High Resolution Photo Capture Mode.
- Standard PC formats: bmp, jpg, tif, png
- Multiple image resolutions from 256 to 4096.
- Compatible with Windows Me, 98, 2000, XP, and Vista™
- Optional Features can be added as needed.

### Optional Features

- Noise reduction: Frame Averaging, De-interpolation.
- Overlay Functions: Text, Line Width Measurement.
- False Colorization: Temperature, Rainbow, Binary, Exposure.
- Image Browser Functions.

### Specifications

#### Hardware

- National Instruments PCI-6250 Data Acquisition Card
- SEM Interface Module.
- SEM Interface Cables.
- USB version available.

#### PC Requirements

- Computer Type: IBM PC
- Processor Type\Speed: Intel Dual Core 2.6 Ghz processor or higher.
- Bus type: PCI (one available slot required); USB version available.
- USB: Interface required (For encryption key)
- Drives: CD ROM Drive (required for software install)
- System RAM: 2 gigabytes of ram or more..
- Monitor Size: 17" or greater
- Display Resolution: 1024 x 768 or higher
- Hard drive space: 200 Megabytes of available hard drive space