



ABISee, Inc.

For Blind and Low Vision Computer Users and Their Aides

Zoom-Twix is 4 tools in 2 lb.
Zoom-Ex is 3 tools in 1 lb.

- World's first *instant* book-to-speech tool;
- Fast, 20 page/min scanner (books stay bound) + OCR;
- Magnifier with no need for an X-Y table (lines wrap);
- Telescope, e.g. to view blackboard, take snapshots.

Zoom-Ex

folds like
a tripod
and fits in
your
laptop
bag



Now, for the first time PCs got enough power to enable a single portable 1 lb. device to perform many functions. What this USB accessory, Zoom-Ex does, is:

- ◆ As a magnifier, it first scans a single page near-instantly, by photographing. Then it magnifies the captured text and wraps the lines on-screen for easy reading. Just scroll-down, no need for an X-Y table. Lines no longer run off the screen. Read even curved lines, unavailable for OCR. No matter which character set.
- ◆ Accordingly, you can also print your own "large font books", in any language, without lines running off the page.
- ◆ Enters OCR! In combination with our near-instant OCR, you get real-time page-to-speech, the first ever.
- ◆ While text-to-speech reads text, the screen may differ from the text being read, e.g. it may show the picture whose caption is being read by voice. Alternatively, the pronounced text can be the same as that shown; and (Yes!!!) the pronounced word is being *highlighted*. FF and REW available.



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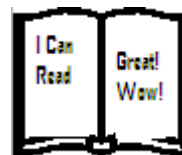
Zoom-Twix makes visually impaired fully functional in class

While the magnifier shows the page text, a video cam views the black board at any zoom, controlled from the keyboard. The two images can be displayed side by side both in class and later at home (snapshots from the board).



Small print? Zoom, yet no line will run off the screen! Want to zoom on a picture while its printed caption is being read to you? No problem (you can even save both: one as image, the other as text). Want to zoom on a distant board? Sure. Need a snapshot? A click away. Let me see it at home!!! It's yours. (A toy for all to envy.) Want to write under zoom? Go for it! Take it around with your laptop, say to a book store (it needs neither power nor light source).

Scanning



MP3
⠠⠠

- ◆ Our patented motion detector allows scanning an entire book 20 pages per minute without pushing a button, virtually hands free. All you do is turning the pages.
- ◆ You can scan odd pages separately from even ones (isn't your life getting easier?), even upside down – the software will order them properly. You can even capture both pages at a time.
- ◆ Save documents as either text (or Braille) or image.
- ◆ Voice indicators and instructions can assist the blind.

Thus, at your leisure you can:

- 1) Listen to the saved text being read to you.
- 2) Magnify and view saved text wrapped on a PC screen.
- 3) Read enlarged print-outs anywhere you are.
- 4) View blackboard image taken as snapshots in class.