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Find the *Measurement Computing / Data Translation DT2835* at our website: *Click HERE*

IBM PC Hardware

Vision-EZ

Vision-EZ® is an affordable imaging solution for the ISA Bus. It combines the power and flexibility of a Data Translation monochrome frame grabber with easy-to-use image acquisition software for Microsoft® Windows® 3.1.

- Capture images from video cameras, VCRs, or still-video in real-time with 256 gray levels and 640 x 480 (or 768 x 512 for 50 hz models) pixel resolution
- Perform processing operations, such as multiplication or division of pixels by a constant, intensity correction, or reverse video
- Choose from two board models: the DT55 frame grabber, with display circuitry, or the DT55-LC, the low-cost model without display circuitry.
- Digital Clock Sync for less than ±5.5 ns pixel jitter



M-5801

Summary

Video Input: 1 monochrome, RS-170/RS-330/NTSC (640 x 480 x 8) or CCIR/PAL (768 x 512 x 8); external trigger

Processing: Four 256 x 8-bit RAM input LUTs

Memory: Stores 1 frame onboard

Video Display (DT55 only): Uses analog RGB or monochrome monitor; monochrome (256 gray levels) or RGB false color (256 colors from a palette of over 16.7 million); mapped by 256 x 24-bit output LUT; 7 x 24-bit overlay LUT for graphics, overlays

Ordering Summary

All Data Translation products are covered by a 1-year warranty. For pricing information, see a current price list, visit our web site, or contact your local reseller.

All Vision-EZ models ship with an image acquisition application for Windows 3.1 and diagnostics on 3.5 in. high capacity media along with comprehensive user manuals. Models marked with an asterisk (*) also include an application and developer's kit for DOS.

- DT55-60*–RS-170, RS-330, and NTSC; with display circuitry
- DT55-50*–CCIR and PAL; with display circuitry
- DT55-LC-60–RS-170, RS-330, and NTSC; no display circuitry
- DT55-LC-50–CCIR and PAL; no display circuitry

Accessory for User Connections

- EP306–Cable assembly

Compatible Software

Call for details.

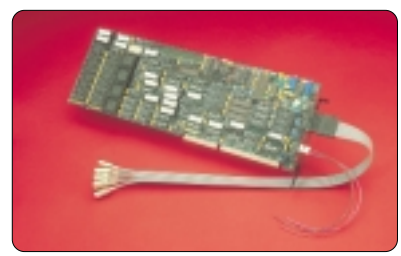
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DT2853

General-Purpose Frame Grabber

The DT2853 is a low-cost, ISA Bus frame grabber for capturing, processing, and displaying monochrome 512 x 512 x 8-bit video images. Input LUTs perform arithmetic and logic operations onboard. Circuitry supporting monochrome or false color display is included – a separate RGB monitor is required for image display. Included on the board are two full-image frame store buffers and an external trigger line.

- Real-time 512 x 512 x 8-bit image capture
- Two onboard frame-store buffers are memory-mapped into PC extended memory
- Eight input LUTs allow processing onboard
- Monochrome or RGB false color display circuitry; supports graphics and text overlays
- An external trigger input allows the coordination of image capture with offboard events



M-4627

Summary

Video Input: 1 monochrome, RS-170/RS-330/NTSC (512 x 480 x 8) or CCIR/PAL (512 x 512 x 8)

Processing: Eight 256 x 8-bit RAM input LUTs

Memory: Stores two frames onboard

Video Display: Onboard display circuitry provides monochrome (256 levels) or RGB false color (256 from palette of more than 16.7 million colors); requires external monitor

Ordering Summary

All Data Translation products are covered by a 1-year warranty. For pricing information, see a current price list, visit our web site, or contact your local reseller.

The DT2853 ships with comprehensive user manuals.

- DT2853-60 Hz–RS-170, RS-330, NTSC compatible
- DT2853-50 Hz–CCIR, PAL compatible
- DT2853-SQ-60 Hz–Same as DT2853-60 Hz, but with square pixels

Accessories

- DT2859–Eight-channel video multiplexer
- EP306–Cable assembly for all user connections

Compatible Software

Call for details.

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