



EQUINOX CORPORATION

REDEFINING SENSOR TECHNOLOGY FOR A CHANGING WORLD

THE ULTIMATE IN LOW-POWER VISIBLE/THERMAL INFRARED VIDEO IMAGE FUSION DUAL VIDEO PROCESSOR **DVP-3000**

Visible Video



Thermal Infrared Video



User Interactive Fusion
Input Parameters



Image Fusion Output



(for different input parameters)



CHARACTERISTICS OF DVP-3000:

REAL-TIME INTERACTIVE COLOR IMAGE FUSION WITH LESS THAN 2 WATTS POWER CONSUMPTION (WEIGHT: 2.6 OUNCES, SIZE: 4IN. X 3IN.)

EQUINOX PROPRIETARY FUSION ALGORITHMS THAT COMBINE DETAIL FROM BOTH IMAGE MODALITIES AND PRESERVE COLOR INVARIANCE UNDER VARYING SCENE ILLUMINATION.

LVTTTL LEVEL DIGITAL INPUTS. 30HZ VIDEO OUTPUT SUPPORTS TWO INPUT CHANNELS EACH UP TO 1280X1024 INPUT PIXEL RESOLUTION AT 30HZ.

EMBEDDED PROCESSOR ARCHITECTURE ENABLES GENERAL PURPOSE PROGRAMMABLE CAPABILITY FOR IMPLEMENTING A DIVERSE RANGE OF IMAGE FUSION ALGORITHMS AT VIDEO FRAME RATES.

PROGRAMMABLE OUTPUT TO EITHER CAMERA LINK, NTSC, S-VIDEO, OR COMBINATION OF THESE OUTPUTS.

EQUINOX
CORPORATION

9 West 57th Street, Suite 1650
New York, New York 10019



Phone: 212-421-2999 • Fax: 212-421-7004
e-mail: info@equinoxsensors.com • web: www.equinoxsensors.com