

Timberwolf

Compact, Versatile Digital Camera

- High performance Motorola CMOS sensor
- SoundVision Clarity 2 ASIC processor
- USB/RS-232 communications
- NTSC/PAL video output

Flexible Design

- Delivered with sensor on-board or remote
- JPEG and Lossless Storage Formats
- Field Programmable Upgrades and New Features



Applications

The Timberwolf digital camera module from Tetracam is designed for maximum design versatility in a compact, economical package. delivered with either an on-board or tethered CCD sensor, the unit works well in packaging applications where space is limited, or where space or environmental limitations require a separate sensor/optical package.

Timberwolf features the same powerful combination of Motorola CMOS sensor and SoundVision Clarity 2 processor used in the popular Viper camera module. In addition, a realtime NTSC or PAL video output makes it easy for a user to see the camera output on any image monitor. The external interface to the supplied PC-based control software can be either through a convenient USB interface, or through a low overhead RS-232 port.

Timberwolf is perfect for applications as diverse as remote surveillance, medical diagnostics or precision scientific measuring instruments. Whenever the design calls for versatility in optical applications, compact size and ease of integration, Timberwolf is the right choice. As with all Tetracam products, Timberwolf is backed by the experts at Tetracam, dedicated to the success of every Timberwolf-based design. For more information on Timberwolf and other Tetracam products, see the tetracam web site at www.tetracam.com

Specifications

Input/Output

Resolution: 1280 x 1024 maximum
Format: NTSC or PAL
Display Mode: VGA or SXGA
Host Interface: USB
Video Connector Type: Mini-coaxial

Sensor Options

Gray Scale 640 x 480 w/integral 10 bit A/D Converter
Color 640 x 480 w/integral 10 bit A/D Converter
Gray Scale 1280 x 1024 w/integral 10 bit A/D Converter
Color 1280 x 1024 w/integral 10 bit A/D Converter

Lense Options

C-mount (or other commercially available mini-lenses)

Control Options

USB or RS-232 serial interface. PC-based control software for all camera functions.

Hardware

Motorola CMOS CCD sensor
SoundVision Clarity 2 processor
1-8MB on-board NVRAM
2-16MB on-board SDRAM

Power

6-9VDC

Dimensions

3.5 x 2.25in. (89 x 57mm)

For more information about the
Timberwolf Digital Camera Module
and other Tetracam products,
including custom designs, go to
www.tetracam.com
or call 818-667-1730



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