



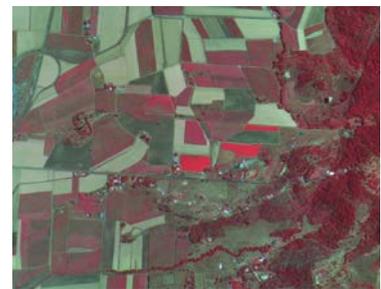
ADC MULTISPECTRAL (NIR) CAMERA

Re-engineered to be the simplest and most flexible visible and NIR camera available.

The latest generation ADC has improved resolution, faster performance, greater capacity and new features.



3.2 megapixel image size for excellent ground resolution



The third generation ADC stands on the shoulders of the previous 1.3MP camera in use world-wide. It offers higher ground resolution and improved spectral accuracy along with greater flexibility of operation and control. Red, Green and NIR bands (approximating TM2, TM3 and TM4) provide the information needed for extraction of NDVI, SAVI, canopy segmentation and NIR/Green ratios. Standard GPS data capture from an external receiver adds position data to your image.



Technical Specifications:

3.2 megapixel CMOS sensor (2048 x 1536 pixels) Green, Red and NIR sensitivity with bands approximately equal to TM2, TM3 and TM4.

Image storage to CompactFlash in Tetracam DCM lossless format

Tough CNC machined aluminum housing.

CS lens mount system compatible with thousands of available lenses. Camera supplied with a 8.0 mm C-Mount lens.

8 internal AA size batteries.USB interface

Multipin I/O connector for use with Tetracam Videoviewer accessory.

Image Capture

Capacity: Approx. 1mB per image, limited only by CF card size.

Rate:_Single Shot - Approximately 1.0 to 7.5 Seconds between consecutive images depending upon image format and resolution selected

Burst Mode - 1 frame every 2 seconds until buffer full.

Inputs

5 - 12 VDC

Rs-232 dedicated to capture of NMEA GPS sentences

External Trigger

Outputs

Realtime NTSC or PAL Video for both viewfinder and menu operations

Data Interface

USB 1.1

Dimensions:

122 x 78 x 41mm without lens12 oz. 340 g without internal batteries18 oz. 520 g with alkaline AA batteries.

Misc.

Standard ¼-20 tripod socket, centered under lens

System Includes

ADC Camera and 8.0 mm Lens

2GB CF card

USB Cable

AC/DC power supply

White Teflon Calibration Plate

8 AA batteries

Rugged carrying case

System CD with PixelWrench2 software (PW2)



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