

INTRODUCING THE RGB + 3

VERSATILITY * SPEED * PRECISION
TETRACAM'S LOWEST-PRICED
MULTI-CAMERA ARRAY YET

Based on Micro-MCA Snap 4 architecture, the RGB + 3 is a remote sensing workhorse. This system consists of four cameras; one color camera that senses broad bands of red, green and blue and three monochrome cameras that sense narrow bands



Important in vegetation analyses. All cameras in the array are registered and synchronized so that each captures the same image at the same time at a different band.

The RGB + 3 snap shutter sensors produce crisp images at very short exposures that are ideal for mosaic building or operation aboard fast or low-flying aircraft. The RGB + 3 is equipped with standard Micro-MCA interfacing which includes: a USB 2.0 interface for rapid system configuration and image transfer, a serial interface for tagging each image with GPS coordinates, live video interfacing, and a multi-IO connector (HDMI) with links to remote controls such as remote image trigger. Contact Tetracam Sales or your local dealer for more details on Tetracam's RGB + 3.

RGB + 3 FEATURES & SPECIFICATIONS

<u>Specification</u>	<u>Value</u>
Dimensions:	115.6 mm x 80.3 mm x 50 mm (4.53 in x 3.16 in x 1.96 in)
Weight:	400 grams (0.88 pounds)
Power:	9.0 to 16.5 Volts (DC), 500 mA Typical Current Draw
Lenses:	Four lenses (9.6 mm focal length each)
Effective Sensor Range:	425 nm to 950 nm (Filters field changeable by users)
Color Bands:	Red: 570 nm – 700 nm, Green: 480 nm – 550 nm and Blue: 400 nm – 470 nm
Narrow Bands (CWL): (each 20 nm wide)	680 nm (NDVI Red), 700 nm (Red Edge) and 800 nm (NDVI NIR)
Image Memories:	Four 16 GB Micro SD cards (up to ~8000 images/card)
Control Panel Buttons:	Take Picture, Move System Menu Up, Down or Select
Status Indicator (LED):	System Ready (Green) / System Busy (Red)
Interface Connections:	
USB:	USB 2.0 (Able to transfer images & data @ 60 MB/Second)
Serial:	RS232 Serial interface (normally used for GPS coordinates)
Video:	NTSC
Multi-IO (HDMI-Type Connector):	Remote trigger, Serial (Receive, Transmit & Sync), NTSC Video
Included Software:	Tetracam PixelWrench2
Manufacturer's Suggested List Price:	\$7995 (USD) + Shipping & Handling

