

1. Features

- } AVS 1.0
 - Video Stabilization, Tracking
 - Turret Video Auto-Track
 - Image Rotation, Digital Zoom
 - } AVS 2.0
 - Contrast Equalization
 - Edge Enhancement
 - Sharpening
 - Noise Filtering
 - False Colors for B&W Images
 - } AVS 3.0
 - Pass-Through Communication
- Ports & power: RS-232, Ethernet



2. Description

Alticam Vision System (AVS) is an in-line video processing board compatible with all Alticam™ systems. AVS removes jitter and other motion distortion, and enhances images to provide persistent, “hands-off” surveillance, even at narrow fields of view, for extended time periods. Rugged for field operations, the AVS can be installed in ground, water or aircraft units, manned or remotely controlled.



3. Specifications

Weight:	186 gm + 11 gm (cable)
Dimensions:	16 cm X 14 cm X 5 cm + 30 cm cable
Voltage / Current	12V - 14V, 400 mA @ 13.2V
Video:	NTSC in, NTSC out
Frame Delay:	Less than 3 frames
Pass-Through Ports	2x RS-232 or 1x RS-232 + Ethernet (AVS 3.0 only)

For a more detailed description of the AVS 2.0 video processing system: http://alticamvision.com/doc/avs_2.0.pdf
 Video examples of the features described are available upon request.