

# iScan™ Pro

## Home Theater Video Processor



The iScan Pro is the perfect "video hub" for the sophisticated home theater system. This unique video processor takes in video from three different sources, including DVD players, Satellite TV receivers, Personal Video Recorders (such as TiVo and RePlay), VCRs, and Laserdisc Players. Standard NTSC and PAL video are converted into high-quality 480-line Progressive Scan video.

- Ideal for Plasma Display Panels, DLP and LCD Projectors and other Progressive Scan displays
- State-of-the-art *PureProgressive™* Motion and Source Adaptive Video Processing
- Picture Controls for brightness, contrast, saturation, hue, and sharpness
- Advanced Source Transition Management for seamless video presentation of poor edits
- 10-bit video digital-to-analog converters (DACs)



### DVDO Home Theater Products

by Anchor Bay Technologies, Inc.

300 Orchard City Drive  
Campbell, California 95008

Email [Sales@DVDO.com](mailto:Sales@DVDO.com)  
Website [www.DVDO.com](http://www.DVDO.com)  
Toll Free (866) 423-DVDO  
Fax (408) 379-3836



digital video done outrageously

# iScan Pro Technical Specifications

- Motion and source adaptive video deinterlacing
- Advanced Source Transition Management provides seamless transition between source types
- Source adaptive processing
  - NTSC sources
  - Film - 3:2 pulldown detection & correction (inverse telecine)
  - Computer graphics @ 30 frames/second
  - Video @ 60 fields/second
  - PAL/SECAM sources
  - Film - 2:2 pulldown detection & correction
  - Computer graphics @ 25 frames/second
  - Video @ 50 fields/second
- Autodynamic threshold control provides robust 3:2 pulldown and 2:2 pulldown detection and correction, even with noisy source material
- Motion detection on a per-pixel basis
- Four input fields used to determine content of each output frame
- Cubic interpolation for pixel calculations
- Diagonal processing reduces jaggies
- 10 bit video digital-to-analog converters (DACs)
- High performance, multi-standard video decoder
- High-quality adaptive comb filter with 2D Y/C separation
- Three video inputs accept standard NTSC, PAL, and SECAM signals
  - One Composite input
  - One S-Video input
  - One standard-definition Component Video input (Y-Pb-Pr)
- Analog Video Output
  - 15-pin VGA PC-type HD connector
  - RGB or YPbPr colorspace
  - Discrete H, V sync, composite sync, or sync-on-green (or Y)
  - 480-line progressive scan video @ 31.5kHz horizontal scan rate for NTSC sources
  - 576-line progressive scan video @ 31.25kHz horizontal scan rate for PAL/SECAM sources
  - RGB - 0.7 Vpp, TTL sync
  - YPbPr - 0.7Vpp, sync on Y 1Vpp
- Controls
  - Input Select Priority switch
  - Aspect ratio select
  - Normal mode
  - "Squeeze" mode
  - Picture controls - global for all inputs
  - Brightness
  - Contrast
  - Saturation
  - Hue
  - Sharpness
  - Colorspace Select
  - RGB
  - YPbPr
- \* Power
  - Universal AC mains input: 100 - 240 VAC @ 50 - 60 Hz
  - Consumption < 10W
  - Sleep mode - automatic 30 second time-out indicated by POWER indicator color change
- \* Physical
  - Dimensions 8.3 in. x 5.8 in. x 1.4 in. (21cm x 14.7cm x 3.5cm)
- Weight
  - Shipping - 4.2 lb. (1.9 kg)
  - Unit (without power supply) - 1.3 lb (0.6 kg)
- SKU Number - MM503A



**DVDO Home Theater Products**

*by Anchor Bay Technologies, Inc.*

300 Orchard City Drive  
Campbell, California 95008

Email [Sales@DVDO.com](mailto:Sales@DVDO.com)  
Website [www.DVDO.com](http://www.DVDO.com)  
Toll Free (866) 423-DVDO  
Fax (408) 379-3836