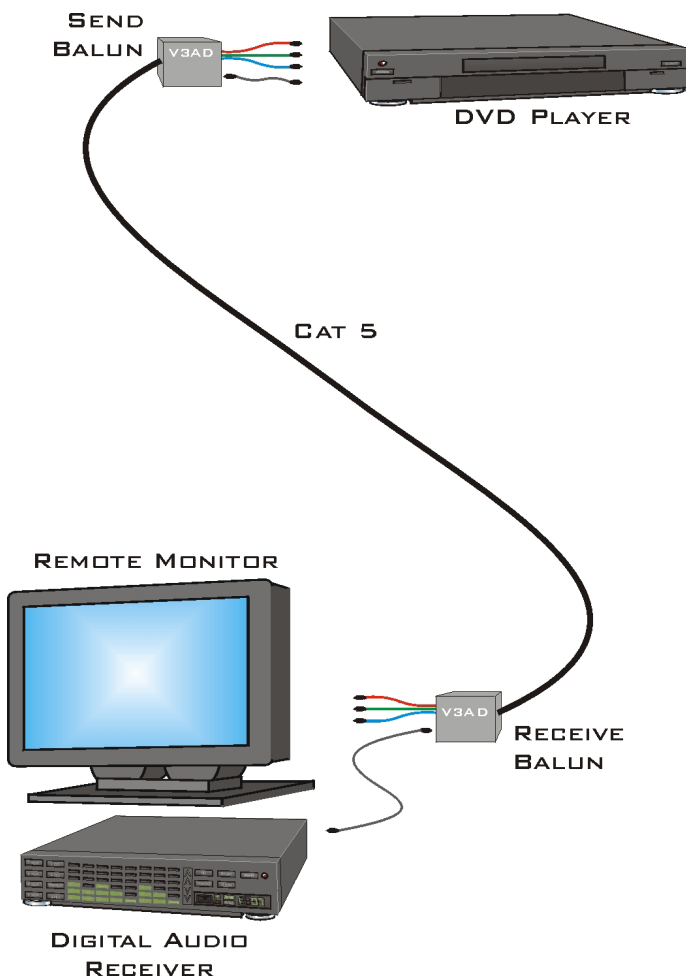




Passive Hi-Definition Video with Digital Audio. The Intelix V3AD component video/digital audio balun transmits one component video (YPbPr or RGB) signal and one digital audio signal over inexpensive Cat 5 cabling.

Design with Intelix and Design with Intelligence.



Features

- Supports 480i/p, 720p, and 1080i/p and digital audio
- Hi-definition (HDTV) ready
- No power required
- Quick, easy installation
- Small, durable form factor

Technical Specifications

Bandwidth	Video: 60 MHz, 3 dB roll off Audio: 25 MHz, 1 dB roll off
Max Input	1.1Vp-p
Insertion Loss (video)	.1 dB for 0.1 MHz. <i>Gradually increasing to 2.5 dB over the frequency range</i>
Insertion Loss (audio)	Less than 1 dB over the frequency range
Return Loss (video)	Greater than 15 dB over the frequency range
Return Loss (audio)	Greater than 15 dB over the frequency range
Common Mode Rejection (video)	-55 dB at 0.1 MHz. <i>Gradually increasing to -20 dB at 60 MHz</i>
Common Mode Rejection (audio)	-50 dB at 0.1 MHz. <i>Gradually increasing to -30 dB at 25 MHz</i>
Max Distance	Digital audio only: 600 feet 480i/p video only: 1,000 feet 480i/p video with digital audio: 600 feet 720p video only: 500 feet 720p video with digital audio: 500 feet 1080i/p video only: 500 feet 1080i/p video with digital audio: 500 feet
Cable Impedance	75 ohms at 1 MHz
Connectors	Three (3) male RCA connectors for Green (Y), Blue (Pb), and Red (Pr) One (1) female RCA connector for digital audio One (1) shielded RJ45 for the twisted pair
Pin Configuration <i>(reverse polarity sensitive)</i>	Red (Pr): Pins 7 & 8 Green (Y): Pins 3 & 6 Blue (Pb): Pins 1 & 2 Digital Audio: Pins 4 & 5
Dimensions	2.4" x 2.25" x 1.0" with a 6" video cable lead
Temperature	Operating: 32 to 131 degree F Storage: -5 to 185 degree F Humidity: up to 95%
Shipping Weight	3 lbs.
Regulatory	FCC, CE
Intelix Part Number	V3AD; V3AD-PAC
Warranty	2 years