



# AFFINITY™ **NEW**

## Digital Cable Combiner

**The Only Answer to Modulating on Digital Cable Guaranteed!**

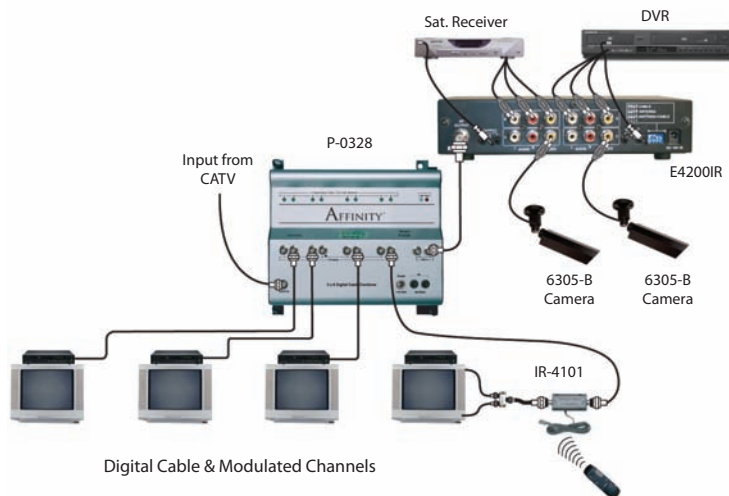
Easily allow modulated video signals to coexist with a digital cable system without requiring RF filters that eliminate cable channels. Switch between cable and modulated channels with the included remote control and share both on a single coax cable to one TV.

### Affinity 3x8 Digital Cable Combiner (P-0328)

- Easy source switching between cable and modulator
- Combines cable TV with modulated signals and amplifies up to 8 outputs
- Eliminates cable interference without filters
- Supports runs from 2 modulators to 8 TVs
- Eliminates call backs
- RF amplifier unity gain on all outputs



### Example for Single TV Runs



Need Training on This Product?  
Visit [www.channelvision.com](http://www.channelvision.com) for a complete listing of classroom & web-based training classes for Affinity

Features	Benefits
Modulate on Digital Cable	Eliminates cable interference without the use of filters.
Built-In IR over Coax Repeating System; Remote Control Included	Offers simple push button selection between cable and modulated channels.
Future Proof	Eliminates digital cable interference and related field call backs.
Includes One IR-Receiver	Additional IR over Coax Adapters (model IR-4101) can be purchased separately.
Affinity Pro Series Chassis Design	Simple installation in structure wire enclosures or in a rack with the Channel Vision Hinged Plate (P-1300).
Built-In IR Engine	External IR engine is not needed with E22/32/4200IR; Enables control of AV functions from multiple rooms.

\* Patent Pending



Channel Vision Central Structured Wiring



Channel Vision IR & Audio Equipment



ARIA™ Multi-Room Audio



Channel Vision Technology Modulators, Cameras, Intercoms

# CHANNEL VISION™

[www.channelvision.com](http://www.channelvision.com)  
800.840.0288

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# AFFINITY™\*

## Digital Cable Combiner



Kit Includes: An Affinity Digital Cable Combiner Unit, IR Coax Adaptor with IR-Receiver, Remote Control, Power Supply, and Modulator

The Digital Modulation Kits offer four (4) modulator versions with a choice of 1, 2, 3 or 4 Affinity units supporting runs of up to four TVs. Custom kit quantities are available by special order.

- Modulate on digital cable
- Future proof
- Built-in IR engine
- Built-in IR over coax repeating system
- Pro-series chassis
- Non-volatile modulator memory

Includes:

- 1,2,3 or 4-input modulator  
E1200, E2200IR, E3200IR or E4200IR
- Affinity Digital Cable Combiner
- IR Coax Adaptor with IR-Receiver
- Power supply
- Remote control

Affinity Specifications	Typically @ 25° C
Forward Gain	CAT5 in - out 54-1000MHz Unity Gain MOD in - out 54-1000MHz -12dB
Reverse Channel	Out to CATV in 5-42MHz -12dB
Power Supply	15VDC, 800mA regulated
Isolation	CAT5 in to TV output 54-1000MHz >50dB (60dB typical) MOD in to TV output 54-1000MHz >50dB (60dB typical)
Dimensions	11" (w) x 6.5" (h) x 2.25" (d)
IR Over Coax	Compatible with the Channel Vision IR-4100 and IR-4101 only
Compliances	FCC part 15; RoHS, (UL listed power supply)
IR-Receiver Specifications	Typically @ 25° C
Voltage Requirements	8-12 VDC
IR Frequency Range Supported	30kHz-60kHz
IR Pickup Range	40 ft. @ 38kHz, 25 ft. @ 56kHz
IR-Receiver Head Dimensions	0.65" x 0.35" x 0.25"
Color	Black
Compliances	RoHS

	1 INPUT MODULATOR E1200	2 INPUT MODULATOR E2200IR	3 INPUT MODULATOR E3200IR	4 INPUT MODULATOR E4200IR
1 TVs	DM-1001	DM-2001	DM-3001	DM-4001
2 TVs	DM-1002	DM-2002	DM-3002	DM-4002
3 TVs	DM-1003	DM-2003	DM-3003	DM-4003
4 TVs	DM-1004	DM-2004	DM-3004	DM-4004
Custom Configuration	DM-1000Custom	DM-2000Custom	DM-3000Custom	DM-4000Custom



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