

# Specifications — DVS 204, DVS 204D

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## Video input

Number/signal type .....	1 (RGBHV, RGBS, RGsB) pass-through, RGBcvS 1 composite video, S-video, component video (Y, R-Y, B-Y) 1 S-video, 1 SDI (optional, DVS 204D only) 1 composite video
Connectors .....	1 BNC female ..... composite video 3 BNC female ..... component video 1 4-pin mini-DIN female ..... S-video 1 15-pin HD female ..... RGB pass-through 1 BNC female ..... SDI (DVS 204D only)
Minimum/maximum levels .....	Analog ..... 0.0V to 1.0V p-p with no offset
Impedance .....	75 ohms
Horizontal frequency .....	NTSC 3.58, NTSC 4.43, PAL, SECAM
Vertical frequency .....	NTSC 3.58, NTSC 4.43, PAL, SECAM
Resolution range .....	NTSC 3.58, NTSC 4.43, PAL, SECAM
Return loss .....	-30dB @ 5 MHz
Maximum DC offset .....	1.5V

## Video processing

Decoder .....	9 bit digital
Digital sampling .....	24 bit, 8 bits per color; 13.5 MHz standard
Colors .....	16.78 million

## Video output

Number/signal type .....	1 scaled or pass-through RGBHV, RGBS, RGsB; or scaled component video (Y, R-Y, B-Y)
Connectors .....	6 female BNC 1 female 15-pin HD
Minimum/maximum levels .....	0.0V to 0.7V p-p
Impedance .....	75 ohms
Scaled VGA resolution .....	640x480 <sup>1,3,4,5,6</sup> , 800x600 <sup>1,3,4,5,6</sup> , 848x480 <sup>1,3,4,5,6</sup> , 852x480 <sup>1,3,4,5,6</sup> , 1024x768 <sup>1,3,4,5,6</sup> , 1280x768 <sup>2,3,5,6</sup> , 1280x1024 <sup>1,3,4,5</sup> , 1360x765 <sup>1,3,4,5,6</sup> , 1365x1024 <sup>1,3,4,5</sup> , HDTV 480p <sup>3,5</sup> , 720p <sup>3,5</sup> , 1080p <sup>3,5</sup> , and 1080i <sup>3,5</sup> <sup>1</sup> = at 50 Hz <sup>2</sup> = at 56 Hz <sup>3</sup> = at 60 Hz <sup>4</sup> = at 75 Hz <sup>5</sup> = locked to the current input's vertical refresh rate <sup>6</sup> = True Rate

## Sync

Input type .....	RGBHV, RGBS, RGsB
Output type .....	RGBHV, RGBS, RGsB
Standards .....	NTSC 3.58, NTSC 4.43, PAL, SECAM
Input level .....	0V to 1.0V p-p
Output level .....	TTL ..... 5.0V p-p
Input impedance .....	75 ohms
Output impedance .....	75 ohms
Max input voltage .....	5V p-p
Max. propagation delay .....	20 nS
Polarity .....	Positive or negative (switch-selectable)

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## Control/remote — decoder/scaler

Serial control port .....	RS-232, 9-pin female D connector
Baud rate and protocol .....	9600, 8-bit, 1 stop bit, no parity
Serial control pin configurations	1 = input 1 select
	2 = TX
	3 = RX
	4 = input 2 select
	5 = GND
	6 = input 3 select
	7 = input 4 select
	8 = n/a
	9 = hardwired IR
Contact closure .....	9-pin female D connector (same as RS-232 connector)
Contact closure pin configurations	See pins 1, 4, 6, and 7 above.
IR controller module .....	Extron IR 901 (optional)
Program control .....	Extron's control program for Windows® Extron's Simple Instruction Set™ – SIS™

## General

Power .....	100VAC to 240VAC, 50/60 Hz, 30 watts, internal, auto-switchable
Temperature/humidity .....	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount .....	Yes, with optional rack shelf, part #60-190-01
Enclosure type .....	Metal
Enclosure dimensions .....	1.75" H x 8.75" W x 9.5" D (1U high, half rack width) 4.4 cm H x 22.2 cm W x 24.1 cm D (Depth excludes connectors and knobs. Width excludes rack ears.)
Product weight .....	3.3 lbs (1.5 kg)
Shipping weight .....	6 lbs (2.7 kg)
Vibration .....	ISTA/NSTA 1A in carton (International Safe Transit Association)
Listings .....	UL, CUL
Compliances .....	CE, FCC Class A, VCCI, AS/NZS, ICES
MTBF .....	30,000 hours
Warranty .....	3 years parts and labor

**NOTE** *Specifications are subject to change without notice.*

(7.32-031402-D4)