

# Specifications — DVS 100/150 Digital Video Scalers

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## Video input

Number/signal type .....	Both models .....	1 component video (Y, R-Y, B-Y), 1 S-video, 1 composite video
	DVS 150 only .....	1 RGBHV, RGBS, RGsB pass-through
Connectors .....	3 BNC female .....	component video
	1 4-pin mini-DIN female .....	S-video
	1 BNC female .....	composite video
	1 15-pin HD female .....	RGB pass-through (DVS 150 only)
Nominal level(s) .....	Analog —	0.7V to 1.0V p-p
Impedance .....		75 ohms
Vertical frequency .....		50 Hz to 60 Hz (does not apply to DVS 150 pass-through)

## Video output

Number/type/format .....	1 scaled RGBHV, RGBS, RGsB
	1 scaled RGBHV or pass-through RGBHV / RGBS / RGsB
Connectors .....	6 BNC female
	1 15-pin HD female
Nominal level .....	0.7V p-p
Impedance .....	75 ohms
Vertical frequency .....	56 Hz, 60 Hz or 75 Hz
Scaled VGA resolution .....	640x480, 800x600, 832x624, 848x480, 852x480, 1024x768, 1280x768, 1280x1024, 1360x765, HDTV 480p, 720p and 1080p

## Sync

Input type .....	DVS 150 only .....	RGBHV, RGBS, RGsB
Output type .....		RGBHV, RGBS, RGsB
Standards .....		NTSC 3.58, NTSC 4.43, PAL, SECAM
Output level .....		TTL — 5.0V p-p
Output impedance .....		75 ohms
Polarity .....		Positive or negative (switch-selectable)

## 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
Pin configurations .....	1 = input 1 select
	2 = TX
	3 = RX
	4 = input 2 select
	5 = GND
	6 = input 3 select
	7 = input 4 select (DVS 150 only)
Contact closure .....	9-pin female D connector
Program control .....	Extron's control program for Windows®
	Extron's Simple Instruction Set™ – SIS™

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## 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 9.50" D 4.45 cm H x 22.22 cm W x 24.13 cm D
Shipping weight .....	6 lbs (2.7 kg)
Vibration .....	NSTA 1A in carton (National Safe Transit Association)
Approvals .....	UL, CUL, CE, FCC Class B
MTBF .....	30,000 hours
Warranty .....	2 years parts and labor

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

(6.1-121799-D7)

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