

# Specifications — CVC 200 Converter

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## Video

Gain .....	Unity
Bandwidth .....	55 MHz (-3 dB)

## Video input

Number/signal type .....	1 component video [HDTV, W-VHS (Y, P <sub>R</sub> , P <sub>B</sub> ), SMPTE (Y, R-Y, B-Y), and Betacam® (Y, R-Y, B-Y)] or RGsB
Connectors .....	3 BNC female
Nominal level .....	1 V p-p for Y of component video 0.3 V p-p for R-Y and B-Y of component video 0.7 V p-p for P <sub>B</sub> , P <sub>R</sub>
Minimum/maximum levels .....	Y: 0.5 V to 1.5 Vp-p with no offset at unity gain P <sub>B</sub> , P <sub>R</sub> : 0.4 V to 1.0 Vp-p with no offset at unity gain
Impedance .....	75 ohms
Horizontal frequency .....	15.75 kHz to 100 kHz according to selected mode
Vertical frequency .....	60 Hz
Return loss .....	<-25 dB @ 5 MHz
DC offset (max. allowable) .....	±2 V (maximum)

## Video output

Number/signal type .....	1 RGBHV, RGBS
Connectors .....	6 BNC female
Nominal level .....	0.7 Vp-p for RGB
Minimum/maximum levels .....	RGB: 0.4 V to 1.0 Vp-p
Impedance .....	75 ohms
Return loss .....	<-30 dB @ 5 MHz
DC offset .....	0.1 V with input at 0 offset

## General

Power .....	100 VAC to 240 VAC, 50/60 Hz, 12 watts, internal
Temperature/humidity .....	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling .....	Convection, unvented
Rack mount .....	Yes, with optional 1U, 9" deep rack shelf (RSU 129, #60-190-01; RSB 129, 60-604-01)
Enclosure type .....	Metal
Enclosure dimensions .....	1.6" H x 8.75" W x 9.4" D (1U high, half rack wide) 4.1 cm H x 22.2 cm W x 23.9 cm D (Depth excludes connectors.)
Product weight .....	2.8 lbs (1.3 kg)
Shipping weight .....	5 lbs (3 kg)
Vibration .....	ISTA 1A in carton (International Safe Transit Association)
Listings .....	UL, CUL
Compliances .....	CE
MTBF .....	30,000 hours
Warranty .....	3 years parts and labor

**NOTE** All nominal levels are at ±10%.

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

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