

VP-100

Computer Graphics Video to RGB/HV/S Format Converter

| VGA/UXGA - 15-pin HD



The VP-100 is a high-performance format converter for computer graphics video signals. It converts a computer graphics video signal on a 15-pin HD connector to either RGBS, RGsB, or RGBHV video signals on BNC connectors

FEATURES

High Bandwidth - 350MHz (-3dB)
Control - H/V sync shift & sync selection
Looping Input
Selectable Input Signal Termination
ID Bit Control
EQ (Peaking) Control
Active Line Amplification Circuitry



TECHNICAL SPECIFICATIONS

INPUT: 1 analog red, green, blue signals: $0.7\text{Vpp}/75\Omega$, H & V sync, TTL level, with loop on

15-pin HD (F) connectors

OUTPUTS: 1 analog red, green (with or without composite sync), blue signals: 0.7 Vpp/75Ω; H

& V syncs: TTL level (Hi-Z load) or analog level (75 Ω load) on BNC connectors; 1

composite sync: TTL levels (Hi-Z load) or analog level (75Ω load)

VIDEO BANDWIDTH 350MHz

(-3dB):

DIFF. GAIN: 0.07%

DIFF. PHASE: 0.03Deg

K-FACTOR: 0.05%

VIDEO S/N RATIO: 71dB

CONTROLS: Cable EQ, H & V sync shift, G/sync on green switch, Hs/Cs switch, ID bit switch,

input termination switch

12V DC, 60mA

EQ. CONTROL: 0 to +9.7dB @5MHz

POWER

CONSUMPTION:

Power supply, mounting bracket

ACCESSORIES:

INCLUDED

Product Dimensions 12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96") W, D, H

Product Weight 0.0kg (0.0lbs) approx

Shipping Dimensions 23.20cm x 12.00cm x 8.90cm (9.13" x 4.72" x 3.50") W, D, H

Shipping Weight 0.6kg (1.3lbs) approx

