VP-100

Computer Graphics Video to RGB/HV/S
Format Converter

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: 0.7Vpp/75Ω, 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 (75Ω load) on BNC connectors; 1 composite sync: TTL levels (Hi−Z load) or analog level (75Ω load)
VIDEO BANDWIDTH (-3dB):	350MHz
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
EQ. CONTROL:	0 to +9.7dB @5MHz
POWER CONSUMPTION:	12V DC, 60mA
INCLUDED ACCESSORIES:	Power supply, mounting bracket
Product Dimensions	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96") W, D, H
Product Weight	0.3kg (0.6lbs) 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