

C2-1100, C2-1150 Specifications



Computer Inputs (2x)

Signal Type - Analog RGBHV, RGBS, RGsB, YPbPr
 Sync TTL Level, 10KΩ, Pos or Neg
 Termination Auto-terminating into 75Ω
 Connectors 1x HD-15 Female with Loop-thru
 1x via 5-BNC

R-G-B Level Range 0.5-2.0 Vp-p
 Scan Rate Detection Automatic
 PC Resolutions Any up to 2048x2048
 HDTV Resolutions Any up to 1080p/60
 Vertical Refresh Rate Any to 250Hz
 Max Horiz Scan Rate 150KHz
 Computer Compatibility PC, Macintosh, Workstations
 (C2-1150 Only)

Video Inputs

Composite Video 1x via BNC
 YC (S-Video) 1x via 4-Pin Mini-DIN Connector

Video Outputs

Television Standards NTSC, PAL, PAL-M, PAL-N, SECAM
 Impedance 75Ω
 Composite Video 1x via BNC
 YC (S-Video) 1x via 4-PIN Mini-DIN
 YUV, YPbPr 1x via 3-BNC
 Computer Loop-thru 1x via HD-15 Female Connector

General

Size and Position Automatic via AutoSet or Manual
 Image Size User-Definable Presets
 Image Freeze One Video Frame
 Settings Memory Non-Volatile
 Zoom Range Variable to 10X Zoom
 Shrink Range Variable to 10%
 Image Mirroring Horizontal and/or Vertical
 Horizontal Filtering Full Digital
 Frame Rate Conversion Temporal (1150 only)
 Conversion Technology Proprietary – CORIO®2
 Color Resolution 24-bit (16.8 Million Colors)
 Sampling Rate 108MHz
 Digital Sampling 24-bit, 4:4:4 format
 Firmware Memory Flash, Upgradeable via RS-232
 Video Encoder 8-bit Digital
 Video Adjustments R-G-B Levels

Operational Modes

(C2-1150)
 Key Chromakey or Lumakey
 Mix Mix PC to/from Video
 PIP Variable Window Size & Position

Genlock Adjustments

(C2-1150)
 Subcarrier Lock Range +/- 200Hz for NTSC Operation
 (+/- 250Hz for PAL Operation)
 Subcarrier Phase +/- 180°

Control Methods

Local via Front Panel Buttons & OSD
 RS-232 Interface via D9 Female Connector
 Infrared Remote via IRC-5 Remote Unit
 Input Expansion Control via D-15 Options Connector

Warranty

Limited Warranty 2 Years Parts and Labor

Regulatory Compliance

Main Units FCC, CE, RoHS
 Power Supplies UL, CUL, CE, PSE, GS, RoHS

Mechanical

Size (H-W-D) 41.5x218x150mm(1.63"x8.6"x5.9")
 Weight (Net) 1.22kg (2.68 lbs)

Environmental

Operating Temperature 0° to +50° C (+32° to +122° F)
 Operating Humidity 10% to 85%, Non-condensing
 Storage Temperature -10° to +70° C (+14° to +158° F)
 Storage Humidity 10% to 85%, Non-condensing

Power Requirement

External Power Supply 12VDC@1A

Accessories Included

1x Operations Manual C2-1000 Series
 1x Power Adapter US, UK or Euro

Product Item Numbers

C2-1100 Down Converter
 C2-1150 Down Converter PLUS

Optional Accessories

IRC-5 Infrared Remote Control
 RM-220 Single/Dual Rackmount Kit
 S2 Series Input Expansion Switchers
 1x Control Software Downloadable from website

