

Technical Specifications

Video Input

Inputs:

Universal Inputs: (3) high bandwidth video channels support, RGBHV/RGBS/RGsB computer video, component video (STD or HDTV), S-video, or Composite video

Connectors: Input 1 and 2 on 15-pin HD connectors with buffered loop-through. Input 3 on five BNC connectors with buffered loop-through. On ImagePRO-HD input 1 on DVI-I connectors.

Serial Digital Video Input: (1) SDI input on ImagePRO-SDI model, or SDI/HDSDI input on ImagePRO-HD

Connectors: BNC

Digital Video (DVI) Input: (1) Input on DVI-I connector supports both universal analog and DVI input with loop-through

Input Resolution Range: VGA (640x480), SVGA(800x600), XGA(1024x768), SXGA(1280x1024), UXGA(1600x1200), HDTV 480p, 720p, 1080p, 1080i, 875 RS-343, 525 RS-170

Standard Resolution Video Input: NTSC, PAL or SECAM

Horizontal Frequency: 15 kHz to 120 kHz

Vertical Frequency: 25 Hz to 120 Hz

Input Termination: 75 Ohm

Input Sync: Sync-on-Video, Separate C or H/V

External Sync (Genlock) Input: Blackburst, Computer H/V Sync or C-sync.

Connectors: BNC

Video Output

Outputs:

RGB or component video (STD or HDTV) on HD-15, RGB or component video (STD or HDTV) or composite video on BNC, S-video on 4-pin mini-DIN connector

SDI on BNC, ImagePRO with SDI and ImagePRO-HD models only, or SDI/HDSDI input on ImagePRO-HD

DVI output on DVI-D connector on ImagePRO-HD model only

Standard resolution video output: NTSC, PAL

High resolution output supported: VGA (640x480), SVGA(800x600), XGA(1024x768), SXGA(1280x1024), UXGA(1600x1200). For Plasma Displays 1280x768, 1365x768, 1365x1024. HDTV 480p, 720p, 1080p, 1080i. 875 RS-343, 525 RS-170

Sync: RGBHV, RGBS, RGSB, TTL level, Polarity selectable, HDTV, Tri-level Sync supported

75 ohm Output Impedance

User Control

Local: User-friendly front panel interface

Ethernet connection (with TCP/IP) or RS-232 serial port for real-time control

Physical

Height: 1.5"; Width: 17" (43.2 cm) or 19" (48.3 cm) with rack-mount option;
Depth: 13"; Weight: 9lbs. ; Shipping Weight: 13 lbs.

Input Power

100-240 VAC, 47-63 Hz

Environmental

Temperature: 0-40 degrees C; Humidity: 0-95% non-condensing.

Warranty

All video products are designed and tested to the highest quality standards and are backed by a full three-year parts and labor warranty.