Product Spec Sheet from Rentex

Barco ImagePRO-II: All-in-one video scaler, scan converter and switcher

Mfr Part No. R9004677

ImagePRO-II is an advanced high performance all-in-one video scaler, scan converter, switcher and transcoder converting any input signal format to any output format. ImagePRO-II supports Universal Analog, DVI single and dual link, HDMI, DisplayPort and SD/HD/3G SDI signal formats. Loop-through outputs are provided for the Analog, DVI and SDI input and genlock signals. With features like HDCP and EDID management, USB back up and restore, multiple video effects and web page interface, ImagePRO-II is the most advanced and flexible signal processor in the rental and staging industry making it the best suitable solution for your live event.

Detailed Specifications

Video Inputs:

Input 1: DVI-I
- Digital formats; all single-link DVI digital formats up to 165 Mhz, per DVI 1.0 Specification and all dual-link DVI formats up to 300 Mhz; Max H Active: 4096 Max V Active: 3072
- Analog formats: NTSC/PAL composite and Y/C video, SD YPbPR with bi-level sync, HD YPbPr with tri-level sync, RGBHV/RGBS/RGsB computer video with bi-level sync
- Analog sampling: sources with pixel rates up to 170Mhz are sampled 1:1; sources with pixel rates above 170 Mhz are filtered and sampled at 170Mhz, including but not limited to 1920x1200p, 2048x1080p
- Active loop-through output of all input signals, including HDCP and EDID
- EDID version 1.3 compatible HDCP version 1.4 compatible

Input 2: HD-15 VGA
- Format: NTSC/PAL composite and Y/C video SD YPbPr with bi-level sync HD YPbPr with tri-level sync per SMPTE 274, RGBHV/RGBS/RGsB computer video with bi-level sync
- Sampling: sources with pixel rates up to 170Mhz are sampled 1:1; sources with pixel rates above 170Mhz are filtered and sampled at 170 Mhz, including but not limited to: 1920x1200p, 2048x1080p
- Active loop-through output of all input signals
- EDID version 1.3 compatible

Input 3: HDMI (Type A)
- Formats: RGB and YCbCr; Resolutions up to 2048x1080p @ 60 Hz per HDMI 1.4 specification
- EDID version 1.3 compatible
- HDCP version 1.4 compatible
- Deep color (30/36 bits)

Input 4: DisplayPort
- Formats: resolutions up to 2560x1600 @ 60Hz (30 bits) per DisplayPort 1.1a specification
- HDCP version 1.4 compatible

Input 5 & 6: SD/HD/3G SDI on BNC
- Formats: SD-SDI per SMPTE 259M-C (NTSC/PAL resolution); HD-SDI per SMPTE 292M, 296M; 3G-SDI per SMPTE 424
- Re-clocked loop-through output
- Dual link HDSDI per SMPTE 372 (dual output option)

Video Outputs:

Input 4: DisplayPort
- Formats: SD-SDI per SMPTE 259M-C (NTSC/PAL resolution); HD-SDI per SMPTE 292M, 296M; 3G-SDI per SMPTE 424
- Dual link HDSDI per SMPTE 372

NTSC/PAL CompositeVideo
- NTSC/PAL composite video

DVI-D
- Formats all single-link DVI digital formats up to 165Mhz, per DVI 1.0 specification
- All dual-link DVI formats up to 330Mhz
- EDID version 1.3 compatible
- HDCP version 1.4 compatible

HD-15 VGA
- Formats: NTSC/PAL composite on green, NTSC/PAL Y/C video with bi-level sync on Y only, (Y: Green, C: Red); SD YPbPr with bi-level sync; HD YPbPR with tri-level sync per SMPTE 274; RGBHV/RGBS/RGsB computer video with bi-level sync
- EDID version 1.3 compatible

HDMI (Type A)
- Formats: RGB and YCbCr at 4:4:4, YCbCr at 4:2:2, per HDMI 1.4 specification; Resolutions up to 2048x1080p @ 60Hz
- EDID version 1.3 compatible
- HDCP version 1.4 compatible

Output 3: DisplayPort
- Formats: resolutions up to 2560x1600 @ 60Hz (30 bits) per DisplayPort 1.1a
- HDCP version 1.4 compatible

Other:

Genlock — Analog Ref Input/Loop/Output on BNC connectors; Bi-level and Blackburst at SD and Tri-level at HD or locked to any input

Dimensions — 17 x 1.75 x 17.09" (WxHxD)

Weight — 15.75 lbs