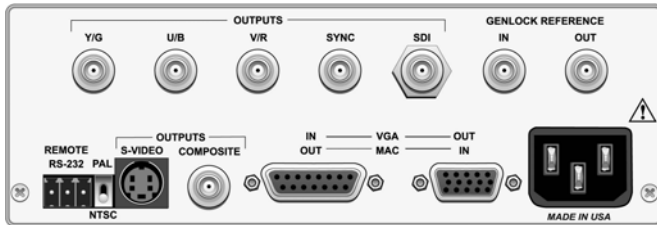


SCAN DO PRO II and PRO II /D

Computer to video scan converter with genlock offers composite, Y/C, component and optional SDI outputs

Scan Do®



Back Panel Drawing of Scan Do Pro II and Pro II/D

1291 - Scan Do Pro II

SIGNALS - IN	SIGNALS - OUT
VGA, Mac, RGB Up to 1280x1024@60Hz 31 to 71 kHz Horizontal sync range	NTSC or PAL Composite Y/C Component

1292 - Scan Do Pro II/D

SIGNALS - IN	SIGNALS - OUT
VGA, Mac, RGB Up to 1280x1024@60Hz 31 to 71 kHz Horizontal sync range	NTSC or PAL SDI (Serial Digital) Composite Y/C Component

Description and Features:

Broadcast-quality scan conversion of computer resolutions up to 1280x1024 @ 60 Hz to NTSC and PAL video

Input computer horizontal sync range from 31 to 71 kHz

Fully timeable genlock with horizontal and subcarrier phasing

Composite, S-Video and Component (YUV and RGB formats) video outputs, with optional serial digital (SDI) output

Multi-step zoom with H&V positioning: 0.85x, 1.0x, 1.3x, 1.6x, 2.0x

Switchable vertical filter

Adaptive computer sync processing

Built-in color bar generator

RS-232 remote control

Image freeze

Switchable NTSC or PAL outputs

Optional rackmount kits

Applications:

On-air web broadcasts	Presentation staging
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Computer generated graphics	Multimedia events
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Weather maps and radar	Videoconferencing

Post-production	

Ordering Information:

Part Number	Description
1291-pp	Scan Do Pro II
1292-pp	Scan Do Pro II/D with SDI Output
1206	5 x BNC input cable, RGBHV, 6 ft.
1156	4 x BNC input cable, RGBS, 3-ft.
1246	Rackmount kit for single unit. 2 RU; 3.5 inches
1247	Rackmount kit for 2 side-by-side units, 2 RU; 3.5 inches

NOTE: Scan Do Pro II and Pro/D are available with international line cords. Please specify when ordering.

pp: NA N. America
AU Australia
EU Europe

JP Japan
UK United Kingdom



Specifications:

Scan Do®

EQUIPMENT INCLUDED:

- Scan Do Pro II or Pro II/D
- AC line cord
- 6 ft. VGA/Mac input cable
- 12 ft. S-Video cable
- 12 ft. BNC to BNC output cable
- User Manual

INPUTS:

- Horizontal sync frequency range: 31-71 kHz (320 x 200 to 1280 x 1024), analog RGB, non-interlaced resolutions
- Input Impedance: RGB - 75 Ohms Sync - high impedance
- Input Sync Types Supported: Separate H&V, composite sync (with or without serration), sync-on-green
- Input Loop-Through: Passive, self-terminating if not used
- Genlock reference input with loop-through

OUTPUT:

- VGA and Mac loop-through output
- YUV, RGB and RGBS component
- Serial Digital Video SDI (Pro II/D only)
- S-Video
- Composite video
- Switchable NTSC or PAL timing

INPUT/OUTPUT CONNECTORS:

- HD-15F for Mac input and DB-15F for VGA input (using supplied reversible input cable)
- DB-15F for Mac output, HD-15F for VGA output
- Composite video output: BNC connector
- S-Video output: 4-pin mini-DIN-F
- Component/RGBS output: BNC x 4
- SDI output: BNC
- Genlock: BNC
- Remote Control: RS-232 on 3-pin "Phoenix" type connector

COMPUTER AND VIDEO PROCESSING:

- Input sampling: 24-bit (8-bits per RGB)
- Samples: 720 per line
- Computer mode detection: auto measurement
- Video processing: 16 bit YUV
- Video memory: 720 x 740 x 16 bits (1 video frame)
- Video encoding: 16-bit 4:2:2 YUV with 10-bit output D/A
- Zoom ratios: 0.85x, 1.0x, 1.3x, 1.6x, 2.0x
- Differential Gain: <1%
- Differential Phase: <1 degree
- Frequency Response: 6.5 MHz (-3 dB)

1291 - Scan Do Pro II

SIGNALS - IN	SIGNALS - OUT
VGA, Mac, RGB Up to 1280x1024@60Hz 31 to 71 kHz Horizontal sync range	NTSC or PAL Composite Y/C Component

1292 - Scan Do Pro II/D

SIGNALS - IN	SIGNALS - OUT
VGA, Mac, RGB Up to 1280x1024@60Hz 31 to 71 kHz Horizontal sync range	NTSC or PAL SDI (Serial Digital) Composite Y/C Component

DIMENSIONS:

- 7.25 W x 2.5 H x 11 D (inches)
- 184.1 W x 63.5 H x 279.4 D (mm)
- Weight: Approx. 3 lbs.; 1.4 kg

POWER:

- Internal universal input AC power supply
- Input: 100 - 250 VAC, 47 - 63 Hz
- UL/CSA/TUV/CE approved
- IEC 320 connector
- Maximum specified power:
Scan Do Pro II: 17 Watts
Scan Do Pro II/D: 18 Watts

Warranty:

Scan Do Pro II and Scan Do Pro II/D are backed by a three-year limited warranty on parts and labor, plus a 30-day satisfaction guarantee. See website for terms and conditions.



UPDATED 2/28/05

All specifications are subject to change without notice. Scan Do is a registered trademark of Communications Specialties, Inc. © 2005

