

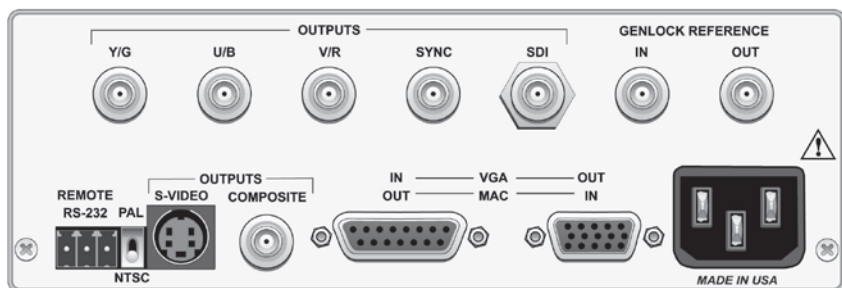


Scan Do® Pro II and Pro II /D

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

Ideal Applications:

On-air Web Broadcasts, Computer Generated Graphics, Weather Maps And Radar, Post-production, Presentation Staging, Multimedia Events, Videoconferencing



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

Signal Capability

Signals In

VGA, Mac. RGB up to 1280x1024@60Hz

31 to 71 kHz horizontal sync range

Signals Out

NTSC or Pal, composite, Y/C and component.

SDI (Serial Digital Interface) available with Pro II/D

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

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.

Power Supply Suffix Codes (pp) for AC Line Cord:

NA - North America	AU - Australia	EU - Europe
JP - Japan	UK - United Kingdom	

Sales



CSI Communications Specialties, Inc.

631-273-0404 | commspecial.com
info@commspecial.com

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 & 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°

Frequency Response: 6.5 MHz (-3 dB)

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

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

Operating Temperature:
-10°C to +40°C

Scan Do®



Schedule
Contract GS-03F-5063C



Backed by a 30-day satisfaction
guarantee and a three-year limited
warranty on parts and labor.
See website for terms and conditions.

Sales



CSI Communications
Specialties, Inc.

631-273-0404 | commspecial.com
info@commspecial.com

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