



HD Studio

cg • video paint • animation • digital store • sequencer

Inscriber® HD Studio™ provides the high quality of HDTV output with the stunning capability of Inscriber's character generator technology. Incorporating an advanced paint system for graphics creation, award-winning character generator technology, advanced media storage and flexible event sequencer, HD Studio brings the best in graphics capability to HDTV. HD Studio runs on an open platform for maximum reliability and flexibility. This tightly integrated graphics studio provides broadcasters and post production facilities with all the tools they need to create spectacular visuals.

HD Studio: Maximum Flexibility

For maximum flexibility, HD Studio delivers numerous output formats: 1080i, 720p, 1080 24p, 1080p 24sf. In addition to being resolution independent, HD Studio allows operators to import standard definition (4:3) Inscriber layouts and convert them to HD (16:9) layouts for immediate on-air use.

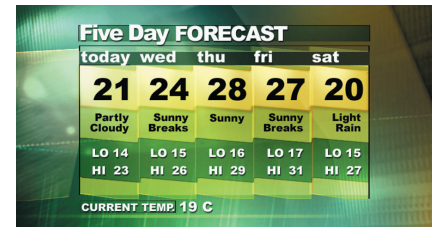
HD Studio: Stunning Graphics and Animation

Inscriber's award-winning CG technology means HD Studio produces incredible quality stills, rolls, crawls and advanced animations. HD Studio provides a suite of typesetting tools to give titling interesting and unique looks with slanting, rotating, setting transparency, shading, shadows and glows. With an intuitive interface and features like integrated spell checker and text on a path, HD Studio puts CG productivity and creativity within the reach of any operator.

Inscriber HD Studio delivers incredible visuals that capture viewers' attention.

Features:

- HD creation studio that provides: CG, video paint, animations, digital store, sequencer
- multiple layered video paint
- video paint offers seamless integration of key channel and graphics output
- video paint supports Adobe Photoshop plug-ins for increased productivity and creativity
- advanced image manipulation in 32 bits preserves all RGB information
- digital store permits instant access to graphic files including Quantel® *.vpb and Photoshop® *.psd files via the network
- use stills, rolls, reveals, crawls and animations
- frame grab module simplifies capture of HD input for graphics creation
- trigger images using system time, manual keystroke or a GPI trigger
- layouts can be created, saved, edited and displayed in either interlace or progressive HD formats



System Options—Integrate Inscriber options to increase CG functionality

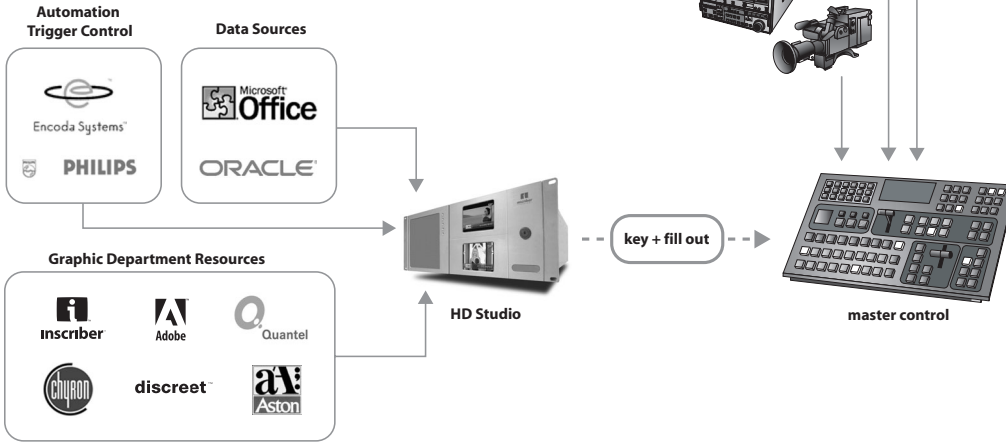
C2i Message Converter™— Converts Chyron message files to fully editable Inscriber layouts.

A2i Page Converter™—Converts Aston page files to fully editable Inscriber layouts.

ODBC Option™—Automatically updates CG layouts when fields are changed in standard ODBC applications such as Microsoft Excel® or Microsoft Access®.

Shotbox Option™— Achieve the fastest possible results for sending output to air. The shotbox can output layouts from the Store module or from a loaded playlist.

Technical Specifications



Inscriber HD Studio Includes*:

- 4RU Chassis (integrated system and power supply)
 - On-Line Help file
 - Printed Manual
 - System Recover/Restore CD Rom
 - PS2 Mouse
 - PS2 Keyboard
- (Country/language Specific Keyboard and OS available)

* VGA and HD Monitor are not supplied with the system.

Video Resolutions

720p-SMPTE 296m (1280x720p) 59.94/60
1080i-SMPTE 274M (1920x1080i) 50/60/59.94 Hz
1080pSF-SMPTE-274M (1920x1080pSF) 24.00/23.98Hz

Reference Input (Genlock Input) – 1 BNC

Level: 1V PP
Termination: 75 ohm
Signal: HD Tri-Level Sync, SD Sync, SD Colour Black

SDI-HD - Input

Frame Grab Input – 1 BNC
4:2:2 10bit SMPTE-292M
1.485,1.485/1.001 Gbit/s

SDI-HD - Output(s)

Program Channel Output – 1 BNC
4:2:2 10bit SMPTE-292M
1.485,1.485/1.001 Gbit/s

Key Channel Output – 1 BNC

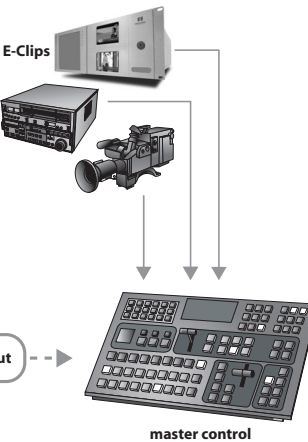
4:2:2 10bit SMPTE-292M
1.485,1.485/1.001 Gbit/s

Storage

60 GB Internal Media Storage – (expandable with external SCSI)
CD RW

Network

10/100 Base-T Ethernet via RJ45
Supported Network Protocols – TCP/IP, SPX/IPX, NETBEUI



GPI

One GPI – (contact closure to ground) – configured to COM 1 or COM2

Connectors

Two RS 232 ports – DB 9 Male
One PS2 - Mouse
One PS2 - Keyboard
One DB15 - XGA
One Ultra SCSI 3 – 62 pin (external drive storage/devices)
One RJ45 UTP type (Ethernet)

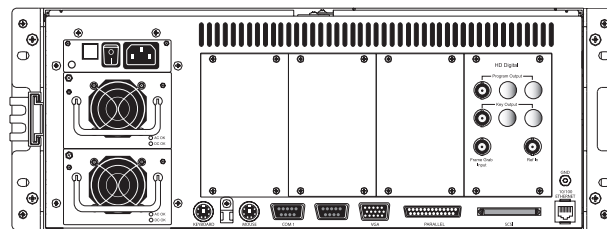
Power Requirements

300W Dual Redundant Power Supply
Nominal operating voltage: 115 or 230 VAC (autoswitching) 50 or 60Hz
Voltage Range: 95 to 240 VAC

Environmental Characteristics

Operational Temperature Range:	40-100° Fahrenheit (5-40°C degrees Celsius)
Relative Humidity:	5% to 95% (non condensing)
Height:	4RU – 7.00" (17.78cm)
Width:	19" (48.26 cm)
Depth:	22.5" (56.5 cm)
Weight:	75 lbs (34 kg)
Shipping Weight:	100 lbs (45 kg)

Specifications subject to change without notice.



HD Studio System (rear view)- System may not appear exactly as shown.

www.inscriber.com www.cam.de/Inscriber



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