

Cintel Scanner S-Drive HDR



€25 245

The Cintel Scanner is a complete solution to realtime film scanning and grading that features precision mechanical film handling components, optics, a high intensity diffuse light source and a built in camera. The S-Drive model is ideal for scanning extremely damaged film when even better grip is needed. The Cintel Scanner includes a 35mm film gate, film spools, a set of four cleaning rollers, desk mount feet and DaVinci Resolve Studio software. Cintel transfers film directly to DaVinci Resolve which gives you the power to edit film rolls back together, scans to be color graded, reframed, noise reduced and audio extracted. Using DaVinci Resolve to operate the scanner means you have much more creative control than a simple telecine because DaVinci Resolve has many more features than is possible to do in hardware.

Scanner Features

Film Stocks

Print, Negative, Interpositive, Internegative.
Mono and Color.

Film Gauges

35mm (2, 3, 4 perforations),
Super 35mm (2, 3, 4 perforations).
16mm, Super 16mm

Native Resolution

4096 x 3072

Effective Resolutions

3840 x 2880 - Super 35
3390 x 2864 - Standard 35
3390 x 2465 - Anamorphic 35
1903 x 1143 - Super 16
1581 x 1154 - Standard 16

HDMI Formats

3840 x 2160 Ultra HD
1920 x 1080 HD
(auto selected to match monitor resolution)

Dynamic Range

Normal Scans: 12 stops
HDR Scans: up to 2 additional stops

Audio

Extraction from scanned image.

Transport Type

Metal Sprocket.

Dirt and Scratch Reduction

Diffuse light source. Cleaning rollers.

Mounting Options

Desk Mount. Wall Mount.

Transport Features

Continuous Motion

Run speed:
1 - 30 fps
Shuttle:
1 - 100 fps (35mm)
1 - 200 fps (16mm)

Acceleration

5 - 30 fps/s

Film Shrinkage Tolerance

Up to 2% guaranteed, more may be possible if user care is taken.

Capacity

2000 ft (35mm)

Connections

HDMI Video Output

1 x HDMI 1.4 10-bit 4:2:2 for preview purposes only.

Computer Interface

Thunderbolt™ 3 for capture of image and audio, software updates and supports USB-C charging with 15W at 5V.
PCI Express 4 lane generation 2.

Bi-phase/Timecode Output

XLR3 Bi-phase: 4.5 Volt DC coupled.
Timecode: 1.5 Volt DC coupled with support for 24, 25 and 30 fps.

Analog Audio Inputs

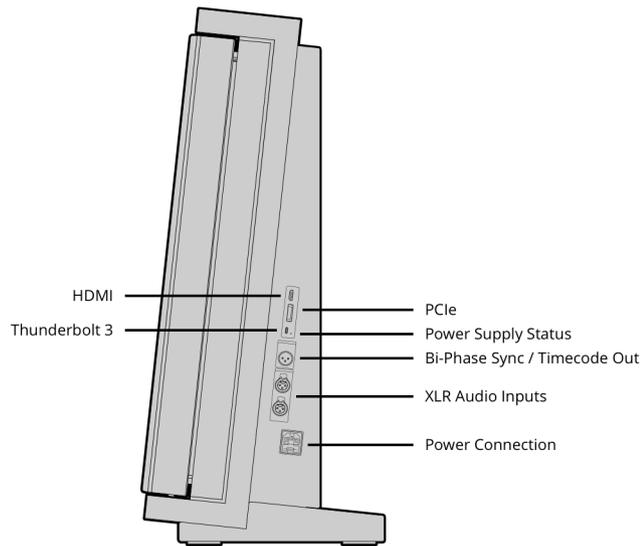
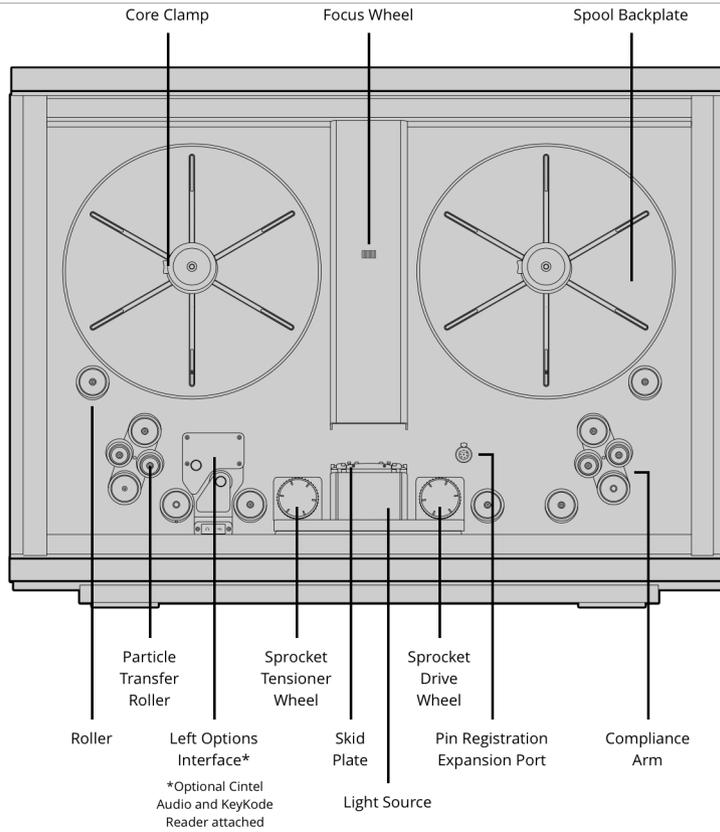
2 Channels of professional balanced analog audio with sample rate converter via XLR connectors with 10dBV levels.

AES/EBU Audio Input

1 Channel with sample rate converter on XLR connector.

Options Interface

XLR6



Operating Systems

Cintel requires Desktop Video installed on the host computer to operate. Scanning can be controlled through DaVinci Resolve or through third party software using the Cintel SDK.

Operating Systems as per Desktop Video Read Me

[Download Desktop Video here.](#)

[Download DaVinci Resolve here.](#)



Mac 10.14 Mojave,
Mac 10.15 Catalina or later.



Windows 10, 64-bit.



Linux

Accessories

Cintel Scanner 16mm HDR Gate
Cintel Audio and KeyCode Reader
Cintel Scanner 35mm Gate HDR
Cintel Cleaning Roller Kit
Blackmagic PCI Express Cable Kit

Power Requirements

Voltage Range

100 - 240V AC.

Power

200W

Physical Specifications



Ideal Film Conditions

Operating Temperature

18 to 28°C (64.4° to 82.4° F).

Relative Humidity

Maximum 65% non-condensing.

What's Included

Cintel Scanner S-Drive HDR
Desk Stand
8 x 1mm Reel Spacers
Cintel Scanner 35mm Gate
DaVinci Resolve Studio Software
Cintel Software and Manual

Warranty

12 Month Limited Manufacturer's Warranty

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