

## Cintel Scanner C-Drive HDR



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 C-Drive model handles the film gentler than ever before using precision rubber capstans. 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.

**\$29,995**

### 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**

Rubber Capstan.

**Dirt and Scratch Reduction**

Diffuse light source. Cleaning rollers.

**Mounting Options**

Desk Mount. Wall Mount.

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## 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)

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## 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

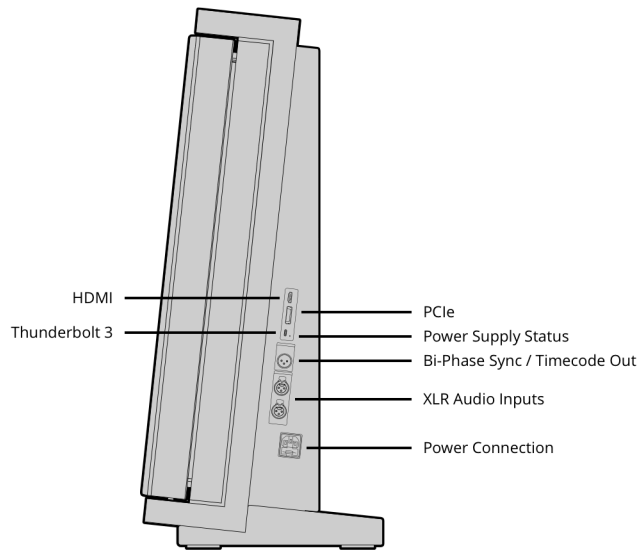
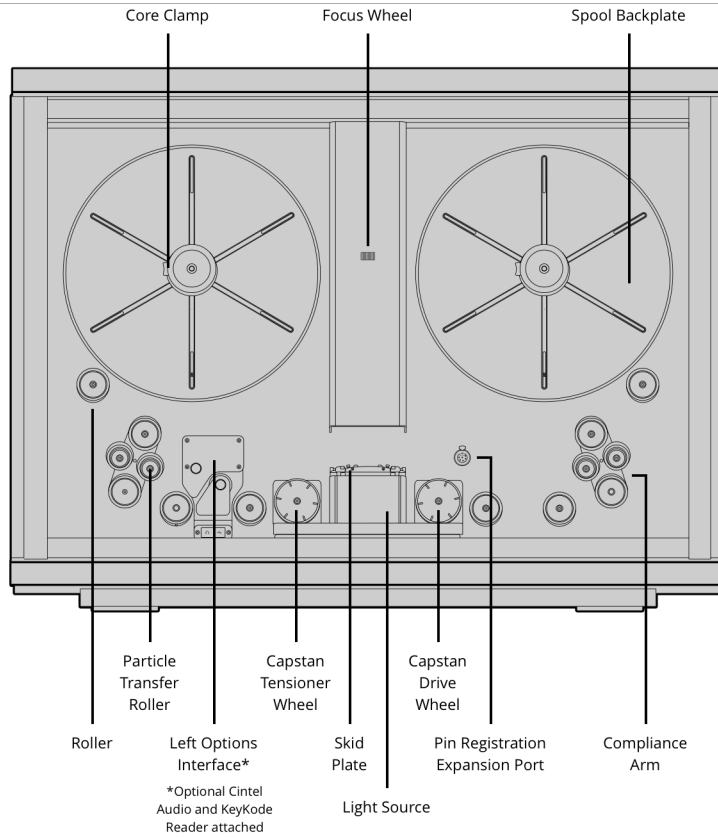
2 Channels of professional balanced analog audio with sample rate converter via XLR connectors with 10dBV levels.

### AES/EBU Audio Input

1 Channel with sample rate converter on XLR connector.

### Options Interface

XLR6



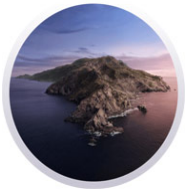
## Operating Systems

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

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## 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

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## Power Requirements

### Voltage Range

100 - 240V AC.

### Power

200W

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## Physical Specifications



## Ideal Film Conditions

### Operating Temperature

18 to 28°C (64.4° to 82.4° F).

### Relative Humidity

Maximum 65% non-condensing.

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## What's Included

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

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## Warranty

12 Month Limited Manufacturer's Warranty

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