

Cintel Scanner 2



\$29,995

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 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.

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

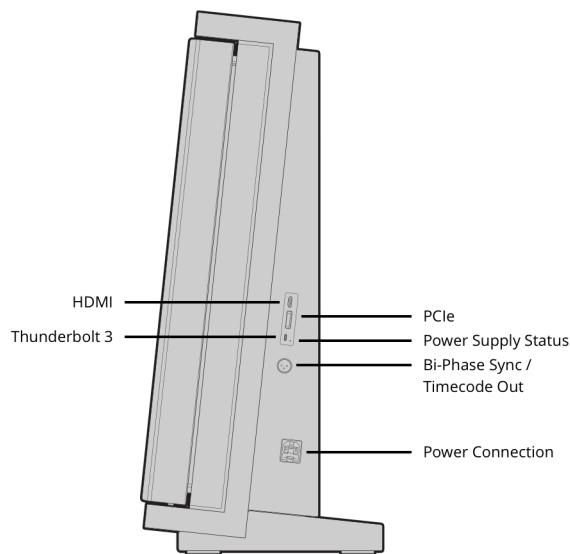
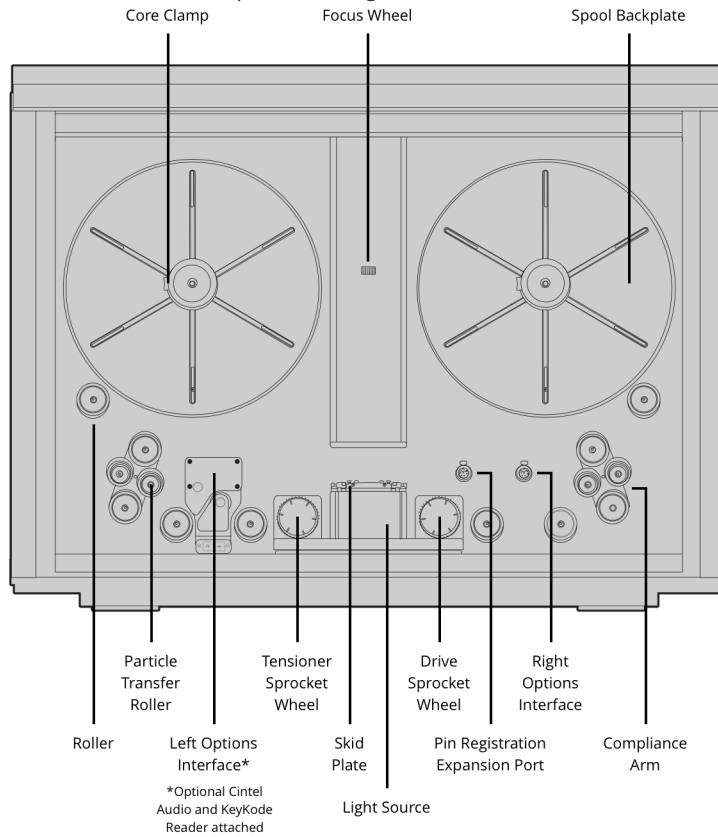
Thunderbolt™ 3 for capture of image and audio, software updates and supports USB-C charging with 15W at 5V.
PCI Express 4 lane generation 2.

Bi-phase/Timecode Output

XLR3, Bi-phase 4.5 Volt DC coupled, Timecode 1.5 Volt DC coupled.

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.



Mac 10.12 Sierra,
Mac 10.13 High Sierra or later.



Linux

Operating Systems as per Desktop
Video Read Me

[Download Desktop Video here.](#)

[Download DaVinci Resolve here.](#)



Windows 7, Windows 8 or
Windows 10.

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

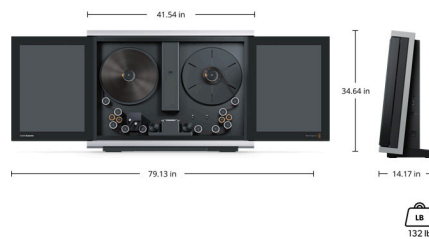
Voltage Range

90 - 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 2

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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