

Blackmagic Design BMD-CINTELSCAN4KG3CAP Cintel Scanner G3 HDR+/Real-Time Film Scanning/Ultra HD 4K

Supported Film Stocks	Print, negative, interpositive, internegative, mono, color
Film Gauges	35mm (2, 3, 4 perforations), Super 35 (2, 3, 4 perforations), 16mm, Super 16
Native Resolution	4096 x 3072
Effective Resolutions	3840 x 2880 (Super 35), 3390 x 2864 (35mm), 3390 x 2465 (anamorphic 35), 1903 x 1143 (Super 16), 1581 x 1154 (16mm)
HDMI Formats	3840 x 2160 UHD 4K, 1920 x 1080 HD
Dynamic Range	Normal scans: 12 stops; HDR scans: up to 3.5 additional stops
Audio	Extraction from scanned image
Transport Type	Rubber capstan
Dirt and Scratch Reduction	Diffuse light source, cleaning rollers
Continuous Motion - Run Speed	1 - 30 fps
Continuous Motion - 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 with user care
Capacity	2000' (35mm)
Connections	1 x HDMI 1.4 10-bit 4:2:2 video output for preview purposes
Computer Interface	Thunderbolt 3 for capture of image and audio, software updates, USB-C charging with 15W at 5V; PCI Express 4 lane generation 2
XLR3 Bi-Phase	4.5 VDC coupled