

# Cineo32

Highly accurate DLP projector for post production



The cineo32 has been designed with grading, editing, and preview suites in mind and offers absolute color and calibration accuracy. With enough brightness to fill screens up to 4 meters wide, it is endlessly customizable to production-specific projection applications.

The unique RealColor color management system offers color accuracy of only  $\pm 0.002$  points along the XYZ axes. Integrators and users can use either the built-in color management suite, or a third party solution for properly calibrating to both 1D and 3D LUTs. Thanks to its high brightness output, it can be used with screens up to four metres wide at 14ftL, the standard for digital cinema.

- $\pm 0.002$  points colour accuracy
- REC709 minimum native colour space
- DLP® technology
- 3D stereoscopic model available
- User adjustable brightness output for screen size fit
- Wide range of HD lens options
- Failsafe DuArch™ architecture
- Ethernet management

## Product specifications

## CINE032

### General specifications

Concept	single chip
3D capability	INFINITEC EX@ 3D
Resolution	1080p (1920 x 1080)
Brightness	Up to 2900 lumens (Adjustable Iris and lamp power enables infinite variation in light output to fit various requirements)
Technology	DLP® technology
Contrast	Up to 7500 : 1 (Full on/off with lens IRIS stopped down)
Aspect ratio	16:9 (1080p)
Display colors	30-bit
Latency	1 frame
Computer graphics formats	up to 1080p
Horizontal scan frequencies	15 -150 KHz
Vertical scan frequencies	24 -60
Video formats	EDTV (576p, 480p) SDTV (576i, 480i) HDTV (1080p, 1080i, 720p) NTSC, PAL, SECAM
Lens operation	Motorized zoom, Focus, Shift, Iris and Mechanical shutter
Lenses	Standard projection lens

- Lens number:  
EN11 / 503-0056-00
- Focus range: 2.0 - 15.0 m
- Throw ratio
  - 1.60 - 2.32 : 1 (1080p)

#### Ultra Wide Angle

- Lens number:  
EN12 / 503-0057-01
- Focus range: 0.5 - 5.0 m
- Throw ratio
  - 0.79 : 1 (1080p)

#### Wide Angle Zoom

- Lens number:  
EN13 / 503-0058-00
- Focus range: 1.0 - 15.0 m
- Throw ratio
  - 1.24 - 1.60 : 1 (1080p)

#### Short Tele Zoom

- Lens number:  
EN14 / 503-0059-01
- Focus range: 3.0 - 30.0 m
- Throw ratio
  - 2.37 - 3.79 : 1 (1080p)

#### Wide Angle

- Lens number:  
EN15 / 503-0060-00
- Focus range: 1.5 - 15.0 m
- Throw ratio
  - 1.16 : 1 (1080p)

#### Long Tele Zoom

- Lens number:  
EN16 / 503-0061-00
- Focus range: 4.0 - 40.0 m
- Throw ratio
  - 3.80 - 6.50 : 1 (1080p)

Image width	1 -4 m
Light source	2 x 300W UHP V/D1
Lamp lifetime	Up to 2000 hours (Full power) Up to 2500 hours (Eco mode)
Computer inputs	1 x DVI-D 1 x HDMI 1.3a
Dimensions	510 x 223 x 376 mm (WxHxD)
Weight	12.6 kg
Power requirements	8.4A, ~100-240V, 50-60Hz
Conformances	CE, FCC Class A and cCSAus
Operating temperature	10 -40 °C
Storage temperature	-20 -60 °C
Operating humidity	20 -80% RH
Storage humidity	10 -90% RH
Color	Black metallic
Warranty	3 years, 500 hours or 90 days on lamp (whichever comes first) 1-3 year optional warranty extensions available
BTU per hour	

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