

# Cineo12

full HD DLP projector for small preview suites, VFX, and DI applications



The cineo12 features higher output power for larger screens. Ready for the larger screens, it is a high quality projector at a relatively low cost. Bringing forward our experience and qualities from professional video displays, the cineo12 features full HD1080 resolution, high quality 10-bit video processing, and image quality that must be experienced to be appreciated.

The cineo12 is compatible with HDMI 1.3a and it is accompanied by a DVI connector that features the same HDMI compatibility, but has added structural support for heavy gauge cables. Both digital inputs feature our unique digital DPEq Digital Pixel Equalization, thus can be used with up to 30m / 100ft copper digital cables without signal loss at 1080p resolution.

cineo12 supports SMPTC, REC709 and EBU colour gamut. Like all other models in the cineo range, the cineo12 features our proprietary RealColor colour management suite, which enables perfectly calibrated colours for both primary and secondary colours.

## Product specifications

## CINEO12

### General specifications

Concept	prism-less design
Resolution	1080p (1920 x 1080)
Brightness	Up to 1900 lumens (300W lamp provides 1900 ANSI lumens. 220W lamp provides 1400 ANSI lumens.)
Contrast	Up to 2500 : 1
Technology	DLP® technology
Aspect ratio	16:9 (1080p)
Display colors	30-bit RGB
Latency	~22 ms with graphics and digital inputs
Computer graphics formats	up to 1920 x 1200 pixels.
Horizontal scan frequencies	15 -150 kHz (resolution dependant)
Vertical scan frequencies	24 -190 Hz (resolution dependant)
Video formats	HDTV (1080p, 1080i, 720p) NTSC, PAL, SECAM
Lens operation	Focus and Manual zoom
Lenses	Standard projection lens <ul style="list-style-type: none"><li>▪ Lens number: EN08 / 503-0034-00</li><li>▪ Focus range: 1.0 - 15.0 m</li><li>▪ Throw ratio<ul style="list-style-type: none"><li>• 1.60 - 2.00 : 1 (1080p)</li></ul></li></ul> Wide Angle <ul style="list-style-type: none"><li>▪ Lens number: EN10 / 503-0035-00</li><li>▪ Focus range: 1.5 - 20.0 m</li><li>▪ Throw ratio<ul style="list-style-type: none"><li>• 0.95 : 1 (1080p)</li></ul></li></ul>
Image width	1 -3 m
Light source	300W UHP VIDI 220W UHP
Lamp lifetime	300W Up to 2000 hours (Full power) Up to 2500 hours (Eco mode) 220W Up to 2250 hours (Full power) Up to 3000 hours (Eco mode)
Computer inputs	1 x DVI-D 1 x VGA
Video Input	1 x HDMI 1.3a 1 x YPbPr
Control possibilities	1 x RJ-45 TCP/IP 1 x 9-pin D-SUB RS232 2 x 12V programmable trigger (3.5mm mini jack) 1 x Wired Remote 3.5mm mini jack
Dimensions	278 x 110 x 278 mm (WxHxD)
Weight	3.5 kg
Power requirements	5.0-1.7A, ~100-240V, 50-60Hz
Conformances	CE, FCC Class A, UL, cUL and cCSAus
Operating temperature	0 -40 °C
Storage temperature	-20 -60 °C
Operating humidity	20 -80% RH
Storage humidity	10 -90% RH
Color	Black metallic
Warranty	24/7, 3 years, 500 hours or 90 days on lamp (whichever comes first) up to 5 years total warranty available. conditions apply.
MTBF	17,500 hours
BTU per hour	

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