



### cineo3™ - High Definition digital eCinema projector

The cineo3™ has been designed to meet the requirements of emerging e-cinema applications. With High Definition DLP™ technology, the cineo3™ offers the best possible reliability and image quality.

Film-like image quality is ensured by using the Emmy-winning DLP™ technology known from DLP Cinema™ projectors. With superb brightness, contrast and colour fidelity, the cineo3™ is well suited even for larger cinema screens.

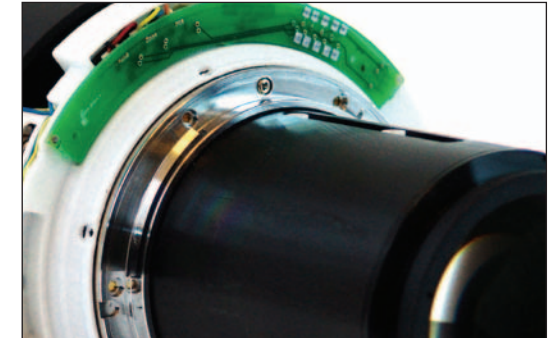
Designed for reliability, the cineo3™ has numerous features to allow failsafe operation. The patented DuArch™ illumination architecture allows Hot Swap of lamps while in operation, keeping the image on screen. In addition, the cineo3™ features dual colour wheels, dual illumination optimizers, and dual illumination irises. For monitoring, a backlit LCD status panel is available for immediate and configurable status overview and events logging, as well as complete control and asset management over TCP/IP from any remote computer, using standard tools.

Installation flexibility is ensured with a wide range of projection lenses, covering every need from 0.88 – 7.70 : 1. All lenses are user replaceable during operation and can be shifted ±110% vertically and ±90% horizontally.



### Main Features

- Dual Lamp architecture for failsafe operation
- Automatic Lamp relay functionality
- Hot Swap lamps for user replacement during operation
- High brightness and contrast – user configurable
- High Definition DLP™ technology, >100.000 hours life time
- Wide range of projection lenses, user replaceable
- Vertical and horizontal lens shift for flexible installation
- REC 709 colour space compliant for colour accuracy
- Scope and wide formats available
- Secure DVI interface to film server with HDCP™ anti-piracy protocol
- Custom input configurations using patented XPort™ technology
- Backlit LCD status monitoring
- TCP/IP asset management

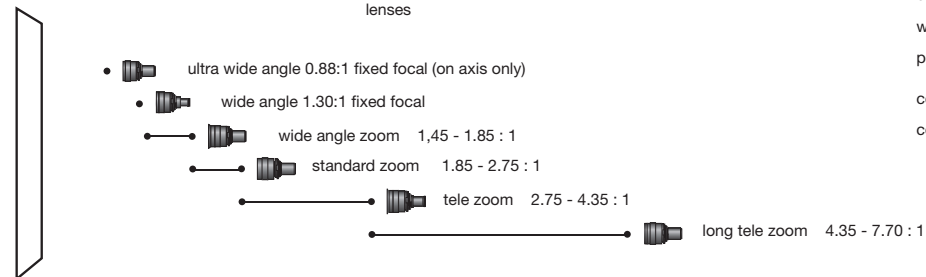




## technical specifications

cineo3	
projector	HDTV DLP™ digital projector
display	<p>technology single chip LVDS DLP™ technology with DarkChip3™</p> <p>concept sealed, all-glass, optical design</p> <p>resolution 1280 x 720 HDTV resolution</p> <p>brightness user configurable; up to 3500 ANSI lumens</p> <p>contrast user configurable; up to 7500 : 1</p> <p>aspect ratio 16 : 9 native, scope and widescreen</p> <p>colours 16.8 million displayable</p> <p>latency ~ 1 input frame with graphics</p>
compatibility	<p>computer compatibility RGBHV, RGBS, RGsB</p> <p>horizontal scan 15 - 150 kHz</p> <p>vertical scan 48 - 190 Hz</p> <p>video compatibility HDTV (1080i, 720p, 576i/p, 480i/p) NTSC, NTSC4.43, PAL, PAL-M, PAL-N, SECAM</p> <p>bandwidth 205 MHz analog RGB, 165 MHz digital RGB</p>

lenses	
lens operation	motorized zoom/focus/shift for all lenses
IRIS control	motorized IRIS control for F/2.1 - 8.0 for all lenses



optics	<p>lens shift +/- 110% vertical, +/- 90% horizontal</p> <p>lamps 250W UHP™ x2</p> <p>lamp power control 200 - 250W in 5W increments</p> <p>lamp life up to 8000 hours (max) in eco lamp relay mode, 2000 hours (typ) in full power mode</p>
inputs / outputs	<p>computer inputs 1x 15 pin HDDSUB (analog RGB) 1x DVI HDCP (secure digital RGB) 1x BNC x5 (analog RGB or YUV)</p> <p>video inputs 3x RCA (YUV) x 4-pin Mini DIN (Y/C) 1x RCA (C)</p> <p>audio inputs 2x 3.5 mm Stereo Mini Jack Audio (all channels)</p> <p>communications 2x RS232 9-pin DSUB (control) in/out 1x LAN</p> <p>computer output 1x USB (firmware upgrade) 1x 15 pin HDDSUB (analog) monitor</p> <p>audio output 1x 3.5 mm Stereo Mini Jack</p>

general	
operating noise level (typ)	30 dB (A) at 20C/ 68F, sea level
dimensions (dwh)	400 x 500 x 200 mm (15.7" x 19.7" x 7.9" )
weight (w/o lens)	15 kg / 33 lbs
power requirements	90 - 260 VAC, 50/60 Hz 900 W power consumption
conformances	CE, FCC Class A, CSA(C/US),
colours	metallic grey, silver



All brands and trade names are the property of their respective owners. Specifications subject to change without prior notice. All values are typical and may vary. Patent pending on lamp and cooling system.