

ecinema projector series

cineo20

true 720p resolution

DLP™ technology

Full BrilliantColor™

high brightness



projectiondesign cineo20

The cineo20 is a small projector with high performance. For pre-show advertising, alternative contents, and in-cinema presentations, it has been designed for small cinema and auditorium screens that demand the best in image quality, reliability and manageability, but at a reasonable cost. Featuring full 720p HD resolution, Texas Instruments® new BrilliantColor™ technology, our own unique RealColor colour management suite, and a high performance, long life lamp, it is perfectly suited for professional video in demanding applications.



DLP™ technology

The cineo20 uses DLP™ technology to achieve the highest possible image quality, as well as unmatched reliability. DLP™ technology, as the preferred technology also for digital cinema, ensures predictable performance over years of service, and is guaranteed to not be affected by intensive use.

High brightness and contrast

The cineo20 outputs enough brightness to easily fill the smaller screens in most cinema complexes. With high true optical contrast, the image quality is incredibly very film-like, and surpasses that of more expensive projectors.

RealColor and BrilliantColor™

Our proprietary RealColor technology simplifies set up and calibration, and ensures a near perfectly rendered image with any given input source. By combining it with Texas Instruments® BrilliantColor™ technology, a wide gamut, strongly saturated image is projected.

High performance optics

With basic auditorium and small screen cinemas in mind, the cineo20 features an all-glass, semi long throw zoom lens. Aspherical lens elements and low distortion glass, combined with two options for short throw, wide angle lenses, makes the cineo20 perfectly suited also for very small environments, such as High Definition rear projection installations.

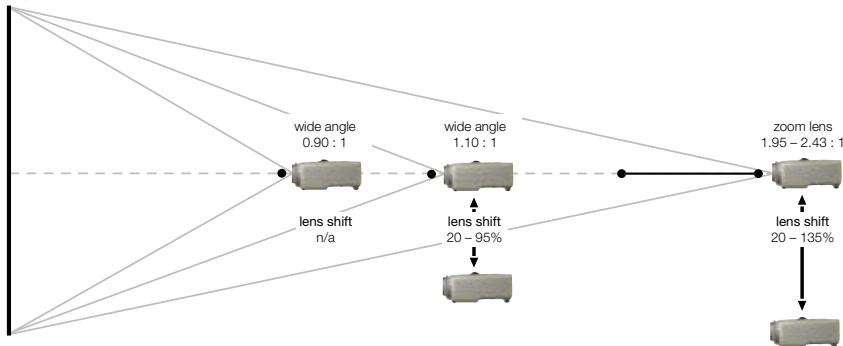
projectiondesign ProNet asset management

Optional asset management software allows easy management in large site installations, or even multi-site installations, supporting hundreds of projectors from a single interface, to manage for instance large cinema advertising networks.

technical specifications

technical specifications		cineo20 720
projector		720p HDTV DLP™ digital projector
display	technology	0.8" 720p DC3™ DMD™ (Digital Micromirror Device)
	colour wheel options	VizSim, Graphics
	resolution	1280 x 720 pixels (full 720p HDTV)
	brightness	up to 1900 ANSI lumens
optics and lamp	contrast ratio	>16fL at 5.0m wide screen at 1.8 gain
	aspect ratio	up to 4000 : 1
	colours	16 : 9, 1.85, 2.35 and 1.33:1 compatible
	available lenses	24-bit
	focusing distance	three options; 0.90 : 1, 1.10 : 1, 1.95 - 2.43 : 1
connectivity	optical lens shift	up to 10m
	lamp	Vertical: 20 - 125%
	lamp life	220W UHP™
general	digital video	2250 hrs full power mode, 3000 hrs standard mode
	asset management	HDCP encrypted DVI-D
control	digital video	720p (48, 50, 59.94, 60 Hz)
	asset management	projectiondesign ProNet - client/server based asset management for large, multi-site installations
	control	RS-232 / TCP/IP / IR
	operating noise level (typ)	28 dB (A) at 20°C/ 68°F, sea level
	dimensions (dwh)	234 x 278 x 94 mm (excluding lens)
	weight	about 2.9 kg (depending on lens)
	supplied accessories	IR remote control, basic cable kit
	power requirements	90 - 240 VAC, 50/60 Hz, +/- 10%, <1050W
	conformances	CE, CSA "C/US", FCC Class A, CCC
	available colour	black metallic
warranties	2 years parts and labour, 500 hours or 90 days on lamp, conditions apply	

Optical lens shift



Lens shift enables flexible installations

The cineo20 features a 20 - 135% vertical lens shift. That means more flexibility with installations and no keystone correction needed for a perfectly rectangular image.

Available versions

Projection Lens	0.90 : 1 (ultra wide angle)	1.10 : 1 (wide angle)	1.95 - 2.43 : 1 (standard zoom)
Colour Wheel			
RGBCMY (VizSim)	101-0236-08	101-0235-08	101-0234-08
RGBCYW (Graphics)	101-0239-08	101-0238-08	101-0237-08

Standardised bolt-on ceiling mount interface

