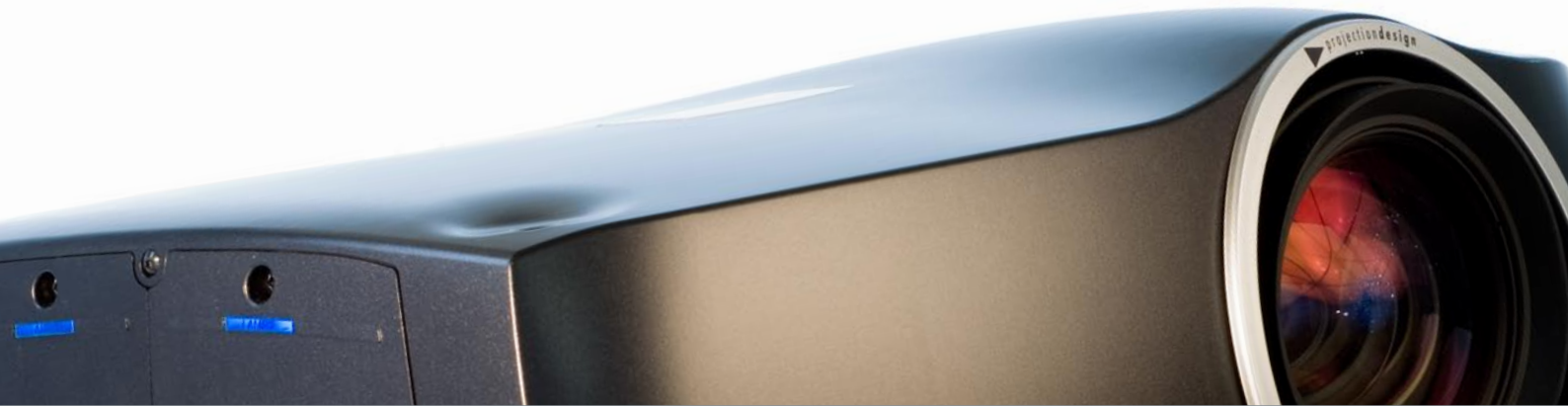


professional projector series

F30 wuxga

true 1920 x 1200 resolution
DLP® BrilliantColor™ technology
up to 4300 ANSI lumens
failsafe 24/7 and DuArch™ operation



The F30 wuxga has been designed to provide the ultimate in resolution, image quality, and configurability to professional users whose requirements for reliability and flexibility are top priorities.

1920 x 1200 pixel resolution professional projector

The new projectiondesign F30 wuxga is the top of the range in our highly acclaimed F30 series. With its high resolution at a true 1920 x 1200 pixels, it provides the highest performance single chip DLP® projector available anywhere. WUXGA, as the standard high resolution output for many graphics cards and computers, is a perfect match for visualisation suites and simulation projects, where image detail and fidelity are the strongest concerns, not to mention board rooms and auditoriums where compatibility are amongst the requirements.

Add BrilliantColor™ technology

BrilliantColor™ technology from Texas Instruments® gives, with our new six-colour image processing, the F30 wuxga a wider colour gamut, with better saturation, and truer colours than standard DLP projectors or 3LCD projectors. The technology allows adding not only RGB, but also Cyan, Magenta, and Yellow to the image processing, resulting in purer colours and less cross-colour contamination. The extra saturation and gradation result in natural colours that are incredibly difficult to display with only primary colours.

Designed for reliability

The F30 wuxga shares all features with other F30 series projectors to provide failsafe and reliable operation. At its heart sits our patented DuArch™ illumination architecture that allows for hot swapping of lamps while in operation, and DLP technology that is recognized as the most reliable of all. DuArch™ features dual colour wheels, dual illumination optimizers, and dual illumination optics. For status monitoring, a backlit LCD panel is available for direct and immediate overview and events logging. In addition, direct view status lights communicate lamp operation. The F30 wuxga also features complete control and asset management over TCP/IP from any remote computer, using standard tools, or through our own ProNet.Manager asset management software suite.

Configuration options

The F30 wuxga can be configured with any one of six different high quality projection lenses, and with different colour wheels allowing tailoring it to specific applications. With some models, there are also customizable I/O and image processing sections, through the use of our XPort™ technology.





High performance optics

The key to optimum image quality, and installation flexibility is ensured with a wide range of all-glass projection lenses, covering 0.79 – 6.5 : 1 throw ratios. All lenses are user replaceable and can be shifted $\pm 115\%$ vertically and $\pm 90\%$ horizontally, for total freedom in projector placement.

Unique projectiondesign RealColor technology

Our proprietary RealColor technology simplifies set up routines and calibration, and ensures a near perfectly rendered image with any given input source. Every projector is uniquely characterized at the factory, for ultimate accuracy in colour and greyscale reproduction.

The benefit over 1080p resolution

Adding 120 horizontal lines over the video centric 1080p resolution gives more than meets the eye. With a full 1920 x 1080 video image displayed – unaltered – there is still room for menus and other items, used for instance in video editing suites. More importantly, it displays the full screen resolution of modern computers at their highest fidelity, and gives more pixels and desktop on screen in visualisations and presentations.

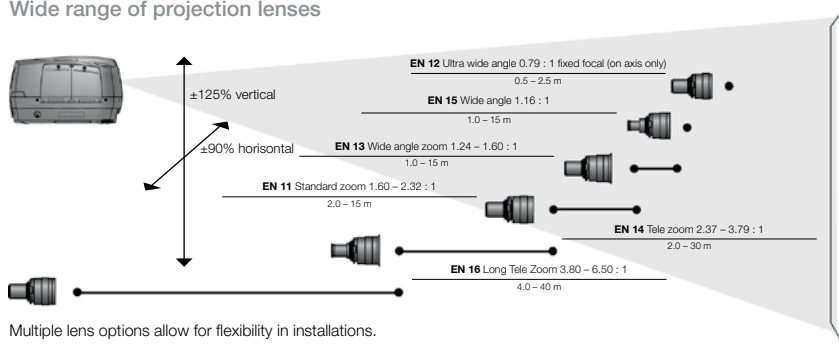
Full 10-bit colour resolution and HDMI 1.3a

The F30 wuxga provides true 10-bit colour resolution, for a total of more than 1 Billion displayable colours. Reduced image gradation and solarization effects, and the high bandwidth of HDMI 1.3a with support for 12-bit DeepColor sequesters a future proof investment. Our unique DPEq (Digital Pixel Equalization) allows up to 30m (100 ft) long HDMI and DVI runs without loss of signal and image quality, when using 24 AWG cables.

projectiondesign ProNet.Manager asset management

Optional asset management software allows easy management of large site installations, or even multi-site installations, supporting hundreds of projectors from a single interface.

Wide range of projection lenses



Multiple lens options allow for flexibility in installations.

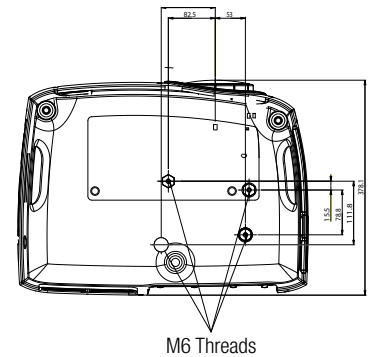
Available versions

Colour Wheel	
VizSim (RGBCMY) (standard)	101-1421-xx
Available colours: black metallic -08 (standard), silver -14 (option)	

Technical specifications

projector display	concept	F30 wuxga
	technology	
resolution	brightness	WUXGA DLP digital projector
	contrast ratio	
colours	aspect ratio	
	colours	
optics and lamp	available lenses	single chip, powered lens shift design
	focusing distance	
lamps	optical lens shift	
	vertical: $\pm 115\%$	0.96" WUXGA DMD™ (Digital Micromirror Device™)
lamp life	horizontal: $\pm 90\%$	
	2x300W UHP™	up to 4300 ansi lumens (VizSim)
connectivity	digital	
	analogue	up to 7500 : 1 (user configurable)
compatibility	optional input module	
	digital	16 : 10 (native), 1.78, 1.85, 2.35 and 1.33 : 1 compatible
asset management	analogue	
	asset management	30-bit (> 1 Billion displayable colours)
control	dimensions (dwh)	
	weight	six options covering 0.79 – 6.5 : 1
general	supplied accessories	
	power requirements	0.5 – 40m / 1.5 – 130 ft (customizable)
warranties	conformances	
	available colour	vertical: $\pm 115\%$
	warranties	
		horizontal: $\pm 90\%$
		2000 hours full power mode, 2500 hours at 80%
		4000 / 5000 hours in auto single lamp relay mode
		1x HDMI 1.3a (HDCP) with DPEq
		1x DVI-D (HDCP) with DPEq
		2x RGBHV (5x BNC and 15-pin HDDSUB)
		1x component video, 1x S-video, 1x video
		HD-SDI, SDI
		1x HDMI / 1x DVI-D (640x480 -1920 x 1200 at up to 225 MHz pixelrate)
		1x HD-SDI / SDI (SMPTE 292M and 292M-C (optional))
		RGBHV, RGBS, RGB, virtually any signal up to 1920 x 1200 at 60 Hz and 205 MHz pixelrate
		projectiondesign ProNet.Manager – asset management software for an unlimited number of projectors (optional)
		RS-232C (in/out), TCP/IP, IR, 2x 12V triggers
		376 x 510 x 223 mm (excluding lens)
		12.6 kg / (excluding lens)
		IR remote control, cable kit
		90 – 240 VAC, 50/60 Hz, +/- 10%, <1050W
		CE, CSA "C/US", FCC Class A, CCC
		black metallic, silver metallic
		2 years parts and labour, 500 hours or 90 days on lamp, conditions apply
		3rd year, 24/7 warranty optional

Standardised bolt-on ceiling mount interface



Expandable input panel



The comprehensive input panel features HDMI 1.3a and DVI for high resolution digital imaging, and can be expanded with HD-SDI and SDI input modules (not available on all models).

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