



) ESP-UHP Series

eyevis DLP® Projectors with
Ultra High Performance Lamps

) HIGH-END PROJECTORS FROM EYEVIS ESP-SERIES

At certain professional applications, projectors made mainly for the consumer market are likely to meet their limits with regards to their reliability, robustness and image quality. This is where the eyevis projectors from the ESP-Series come to use. This outstanding projection device combines robustness with reliability and best image quality. The projectors were especially developed for sophisticated use in simulation systems. Further possible fields of applications can be wherever stable projection in perfect quality is required. The projectors are available in four resolution standards:

-) **ESP-XT:** XGA (1024x768px)
-) **ESP-SXT+:** SXGA+ (1400x1050px)
-) **ESP-HD:** full HD (1920x1080px)
-) **ESP-WXT:** WUXGA (1920x1200px)

The optical system is derived from the eyevis rear-projection cubes, which are well-known for their excellent image quality and best reliability. All components of the projectors were chosen for their readiness to be used in professional long-term operation and have proven their reliability in thousands of applications world-wide. The rugged design of the projectors with its metal housing allows their usage in high-vibration environments and in motion-based simulations.

With several optional expansions, the projectors can be upgraded for applications in stereo-projections, night-vision simulations, and optimised use in multi-channel applications. The comfortable software tools allow simple and accurate calibration of systems using more than one projector.

) TECHNICAL SPECIFICATIONS

Technology:	Single Chip DLP® Projector
Type:	ESP-XT: XGA Projector / ESP-SXT+: SXGA+ Projector / ESP-HD: full HD Projector / ESP-WXT: WUXGA Projector
Description:	Digital DLP® Projector with Ultra High Performance (UHP) Lamps for Video and Data Projection
Color wheel options:	<ul style="list-style-type: none"> • RGBW (Graphics / Presentations) • RGBRGB (Visualisation and Simulation)
Resolution:	XGA (1024x768) / SXGA+ (1400x1050) / full HD (1920x1080) / WUXGA (1920x1200)
Brightness:	1500 to 2500 ANSI lumens (depending on projector version)
Contrast:	1500 to 2500:1 (depending on projector version)
Latency:	½ Frame (8.5ms)
Optics:	1:1 and 0.8:1 wide angle (up to 80% offset), 0.6:1 ultra wide angle, 0.5:1 extreme wide angle
Lamp lifetime:	ca. 6000-8000h (manufacturer information MTBF)
Inputs:	1x DVI
Vertical Frequency:	48 - 62 Hz genlock compatible, internal: 96 - 124 Hz
Thermal Load:	180 Watt
Power Consumption:	180 W at 110/235 V, with 100 - 120 Watt Lamp
Optional Equipment:	<ul style="list-style-type: none"> • Automatic brightness control • Dim-light (motorized neutral density light filter for night vision / dark scene projection) • Hard-edge-blending • INFITEC Stereo • Different customisable housings available



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