

DIGITAL PROJECTION

A Delta Associate Company

INSIGHT LASER 8K

Imaging by  ASTRO



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The Visionaries Choice

INSIGHT LASER 8K

Set to be the world's first commercially available DLP® laser 8K projector, the INSIGHT Dual Laser 8K sits in a class of its own when it comes to performance. Providing an ultra-high 8K resolution (7680 X 4320) of 33-million pixels through 25,000 ANSI lumens of solid-state laser-phosphor illumination, the new flagship projector is the ultimate solution for the most elaborate medical, scientific and immersive visualisation and large-venue applications. In addition to the resolution and lumen performance, it uses proven DLP technology incorporating 3x 1.38" DarkChip DM chips and Digital Projection's ColorMax™ technology to ensure superb colour accuracy and black levels. These are especially vital imaging characteristics when matching projectors in tiled or blended applications.

From simulation and visualisation projects requiring unmatched details, to elite entertainment venues that demand the most immersive experience through large-scale imagery, the INSIGHT Dual Laser 8K provides a new performance benchmark in the industry. Lamp replacements are never required due to the solid-state laser illumination system. By eliminating regular lamp replacement cycles, system operation is never interrupted, making long-term maintenance costs virtually non-existent. This means dramatically lower cost of ownership over the lifespan of the projector.



8K RESOLUTION

Unsurpassed image clarity resulting from 7680x4320 display resolution. Fast transit pixels for smooth greyscale and improved contrast

25,000 LUMENS

25,000 ANSI Lumens ensure the brightest image in almost any environment

3-CHIP DLP

Ultra-stable DLP technology with 3 x flagship 1.38" DarkChip™ DMD™ imagers

COLORMAX

Accurate matching of projectors in tiled or blended applications. User selection and storage of primary and secondary user defined color targets up to 7 points.

LASER LIGHT SOURCE

Laser light source for long-lasting, stable imagery over 20,000 hours and lower cost of ownership for the lifetime of the projector

MULTI-AXIS ORIENTATION

For maximum flexibility, the INSIGHT Laser 8K can be operated in both Portrait and Landscape mode, pointing up and down and every angle in between



Colour System	3-chip DLP®
Display Type	3 x 1.38" DarkChip™ DMD™ Aspect Ratio: 1.90:1
DMD Specification	7680x4320 display pixels Fast transit pixels for smooth greyscale and improved contrast.
Key Features	<ul style="list-style-type: none">• High Brightness laser illuminated.• Compact integrated chassis.• Long life light source.• Sealed light module.• 4 x DisplayPort 1.2 / 4 x 12G-SDI / 16 x 3G-SDI

Video & Graphics processing

- Up to 60 fps 7680 x 4320 pixels sequential input via SDI port.
- Dark Time insertion capability.
- Smear reduction for 2D displays.

Color adjustments

- Up to 12 bits color processing (depending on source and input type).
- Degamma selection from a list of parametric curves.
- Individual R, G & B lift and gain.
- Black and White level adjustment via Brightness & Contrast control.

ColorMax™

- Accurate matching of projectors in tiled or blended applications.
- User selection and storage of primary and secondary user defined color targets up to 7 points.

Illumination Blue laser + Yellow Phosphor, 20,000 hours illumination

Lenses 1.13 - 1.72:1 / 1.65 - 2.60:1 / 2.53 - 4.98:1

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