A COMPANY BUILT ON INNOVATION

Digital Projection International (DP) was founded with one key objective; to innovate the display technology of the future to advance the capabilities of large-screen displays. When we launched the world’s first digital projector, it disrupted the projector marketplace. Today, our innovations continue to benefit systems integrators by providing leading technology with improved reliability and performance that exceeds expectations. Our projectors render their imagery through proven DLP® technology that is reliable for more than 100,000 hours. When DLP is combined with our long lasting 100,000-hour LED and 20,000-hour laser illuminated light sources, DP presents a winning combination for reliability and longevity.

Application benefits (depending on model):
- Up to 8K resolution with over 33 million pixels
- Two 4K correct perspective eyepoints for tandem/cross cockpit
- Refresh rates up to 360 Hz
- Low cost - High performance WQXGA and 4K-UHD
- Near-zero maintenance
- 1-chip DLP with no color wheel
- Embedded or remote long-life light sources
- Ultra-Short Throw lenses for flat or cylinder screens

AFTER ACTION REVIEW / BRIEFING DISPLAYS

To manage multiple data sources, like a “God’s Eye” display system, our 24/7 seamless monitoring of multiple sources allows easy switching and scaling of multiple inputs to any size in any ambient environment with excellent viewing angles. Whether it’s Radiance LED or a 4K/8K projection system monitoring out-the-window views, sensors, trainees, or any type of input, our crystal-clear displays can be configured to any size to maintain full command and control.

NATIVE & CUSTOM RESOLUTIONS TO SERVE ANY APPLICATION

<table>
<thead>
<tr>
<th>Configurable LED Pixel Pitch Options</th>
<th>Native Projector Resolutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.9</td>
<td>1.2</td>
</tr>
<tr>
<td><strong>RADIANCE LED</strong>&lt;br&gt;BY DIGITAL PROJECTION</td>
<td><strong>WUXGA</strong></td>
</tr>
<tr>
<td><strong>4K</strong></td>
<td><strong>8K</strong></td>
</tr>
</tbody>
</table>

For more info, contact simulation@digitalprojection.com
SIMULATION DRIVEN DISPLAY PLATFORMS

Digital Projection solutions can be found in flight simulators, driving simulation programs, fire-arm training environments, as well as fire, maritime, and air-traffic control training programs – great for use on any type of training or engineering device that requires an out-the-window view.

INSIGHT: Designed for demanding high acuity applications, 4K or 8K with extreme refresh rates.

X-Vision: Designed for motion, they smoothly operate thru shakes, rattles, or rolls with optional IR to stimulate NVG scenes with zero maintenance LED illumination.

E-Vision: 1-chip design meets spec-up to UHD with excellent performance for price ratio.

Radiance LED: Designed to excel in virtually all levels of ambient light, this customizable display is infinitely scalable and totally seamless.

<table>
<thead>
<tr>
<th>Projector Series</th>
<th>Resolution</th>
<th>Pixels (millions)</th>
<th>Max Refresh Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>INSIGHT 8K</td>
<td>7680 x 4320</td>
<td>33.2</td>
<td>8K@60 Hz</td>
</tr>
<tr>
<td>INSIGHT 4K</td>
<td>4096 x 2160</td>
<td>8.8</td>
<td>4K@360 Hz</td>
</tr>
<tr>
<td>E-Vision 4K/UHD</td>
<td>3840 x 2160</td>
<td>8.3</td>
<td>UHD@60 Hz / WQ@120 Hz</td>
</tr>
<tr>
<td>X-Vision WQXGA</td>
<td>2560 x 1600</td>
<td>4.1</td>
<td>WQ@120Hz</td>
</tr>
<tr>
<td>E-Vision WQXGA</td>
<td>2560 x 1600</td>
<td>4.1</td>
<td>WQ@120Hz</td>
</tr>
<tr>
<td>E-Vision WUXGA</td>
<td>1920 x 1200</td>
<td>2.3</td>
<td>WU@120Hz</td>
</tr>
</tbody>
</table>

CASE STUDY: DPI IN ACTION

DP’s wide projector range enables our integrator partners to solve difficult display needs. Meggitt Training Systems applied DP technology for the U.S. Army’s ESTII program which required precision optics in an economical platform. Where footprint is an issue, DP’s ultra-short 0.38:1 lens, with its excellent curved or flat screen focus, solves the riddle of allowing close user proximity to the screen without shadows.

For more info, contact simulation@digitalprojection.com

Image courtesy of Meggitt Training Systems
RELIABILITY

DP projectors have survived and thrived on some of the most rugged and demanding simulation display environments in existence, like the “Hurricane Hunter” sims for NOAA. We provide proven display technologies requiring virtually no maintenance. Heat causes electronics failures, therefore DP uses liquid cooling to stabilize our DLP projectors, which unlike LCD or LCoS, provide stable digital display technology that lasts over 100,000 hours without degradation.

DP uses only LED and laser phosphor light sources for reliability and stability; however, not all illumination sources are the same. A 20,000-hour laser phosphor illumination period is common, but a DP unit can push beyond its end-of-life with 50% of original brightness. We also seal our simulation projectors to IP4 or IP6 (ingress protection) levels to maintain high performance, where others suffer optic degradation due to dust. DP’s warranty covers the light source and follows the projector anywhere in the world.

SUPPORT

Digital Projection provides an Application Support team and Technical Support team to assist you with any pre-sale or post-sale need with our products. Our teams have years of experience and can be reached at 770-420-1350 during normal business hours or via email at application.support@digitalprojection.com or techsupport@digitalprojection.com. At any time after hours, please call 770-420-1354 for 24-hour support. Field engineers are also available. Worldwide support via service centers in the UK, UAE, Singapore, Taiwan, China. Contact us for more details.

Digital Projection has been outstanding. DP took the time to get to know our product line and the needs of our customers, to provide a viable solution. DP doesn’t “Win” your business, they EARN it! / Mark Parr, PMP Program Manager, Meggitt Training Systems

There are many projector manufacturers you can work with, but Digital Projection ranks among the very top of the list for several reasons. Their sales staff has many years of experience in providing excellent projector solutions to their customers. DP’s Application Support is first rate, and we have had to lean on their knowledgeable crew for advice on many issues regarding each system. / R. P. Higgins, Electric Picture Display Systems