

# DarbeeVision and Pixelgen Announce...

New Pixelgen Products Powered by 4K DARBEE Visual Presence™ Video Processing and Intel FPGAs

## COMPANY ANNOUNCEMENT Aug 12, 2020

**Aug 12, 2020** - Pixelgen Design has partnered with DarbeeVision, developer of acclaimed video processing technology DARBEE Visual Presence (DVP™), to develop the industry's first standalone 4K video processing solution with embedded 4K DVP technology utilizing Intel FPGAs



Canada-based Pixelgen will launch PXLVISION™ with a MSRP of \$499USD in early 2021. It will be the first of many 4K DVP-enabled products to be powered by Intel FPGAs. Pixelgen will produce the PXLVISION 4K video processing solution as a follow-up to the acclaimed 1080p DVP standalone offerings. The new partnership will leverage Pixelgen's expertise in creating ground-up, world-class video solutions.

Pixelgen's existing product line shows a deep commitment to the most advanced technologies including high performing Intel FPGAs which enable high quality and real time video processing required by the DVP processing technology. The PXLVISION product will carry the "powered by DARBEE" mark and continue in the tradition of providing uncompromising experience to the user. Global distribution will roll out through Pixelgen's distributor and reseller network.

"We were looking for a partner with great strength in HDMI video circuit design and manufacturing, with very exacting and ultra-high standards. These new 4K DVP enabled video processing solutions are going to provide stunning results. The build quality will satisfy even the most discerning home theater expert user," said DarbeeVision President Larry Pace. "And, these new Pixelgen products will provide the end users with the pinnacle of image depth, clarity, and realism for ALL consumer video source and display applications. The industry has been relentlessly increasing image quality factors like pixel resolution, color depth, dynamic backlighting, and nits, which are all welcome. These new Pixelgen 4K DVP-enabled products will be compatible and complementary to all the wonderful advancements to image processing and display fidelity. Prepare to be stunned by the image quality and realism. We are excited about the visual appeal that PXLVISION offers versus other solutions."

“In the past, Pixelgen has been an interconnect manufacturer, specializing in 100% uncompressed Ultra HD signal transmission methods—for example, PXLDRIVE™ and PXLGLASS™” said Jack MacDougall, Pixelgen CEO. “With the development of PXLVISION, we are finally able to introduce a Pixelgen video enhancement solution that can use these unscathed pixels in some truly impactful and beautiful ways. The effect is like removing a protective film from the 4K display—pure satisfaction. There is an immersive sense of space in the image provided, and amazing clarity and detail that comes without disturbing the content. Moving forward with Pixelgen 4K/UHD DVP-enabled processing solutions, end users can expect intuitive control, mobile device connectivity, and a smart/sleek design. We are proud to have been selected to build these next generation 4K DVP-based products under the Pixelgen name and we are committed to honoring Paul Darbee’s discovery, inventions and vision.”

“Intel FPGAs, with a mixture of modular video interfaces and high performing flexible fabric, are ideal for enabling innovative real time 4K video processing appliances,” said Rina Raman, Vice President, Data Platforms Group and General Manager, Embedded Acceleration at Intel.

Additional details about product specifications, applications, and sales channels will be published soon. A full-length article about the new PXLVISION 4K DVP enabled video processor will also appear in an upcoming edition of [Wide Screen Review](#).

For more product launch information, visit the Pixelgen Design and DarbeeVision websites or follow the companies on social media.

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Pixelgen Design Inc. is headquartered in Burlington, Ontario, Canada. Pixelgen is an engineering-first organization that organically designs and manufactures professional uncompressed 4K connectivity products. Quickly growing a reputation as the leaders in uncompressed long reach 4K connectivity, Pixelgen ensures that every pixel is delivered faithfully as it was intended to be viewed. Pixelgen sincerely wants to help the industry and remove the standards compatibility stigma once and for all, to support every home theatre setup where there should be no compromise, thus no compression. For information, call (289) 812-4279, or email [info@PixelgenDesign.com](mailto:info@PixelgenDesign.com) or visit [PixelgenDesign.com](http://PixelgenDesign.com). All Pixelgen Design patents, trademarks, copyrights, and licensing are the property of Pixelgen Design Inc.

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DarbeeVision, Inc. is headquartered in Orange, California. The company develops proprietary image processing technology and embeddable solutions that bring revolutionary, fidelity-independent, levels of depth, clarity, and realism to all products in the digital image and video markets. DARBEE Visual Presence (DVP) technology creates digital image and video quality that is better than what even what the most perfect cameras and displays can achieve -- much better in fact. By using real time computation to process each frame, DVP embeds 3D depth cues into 2D images and video, so that each resulting scene appears ultra-realistic. DVP technology is available to OEMs as Intel FPGA chipsets, and IP for licensing. DVP is also available for post-production use, as a cloud-based image and video processing platform. For information, call (714) 787-1006, email [info@DarbeeVision.com](mailto:info@DarbeeVision.com) or visit [DarbeeVision.com](http://DarbeeVision.com). All DarbeeVision patents, trademarks, copyrights, and licensing are the property of DarbeeVision, Inc.