

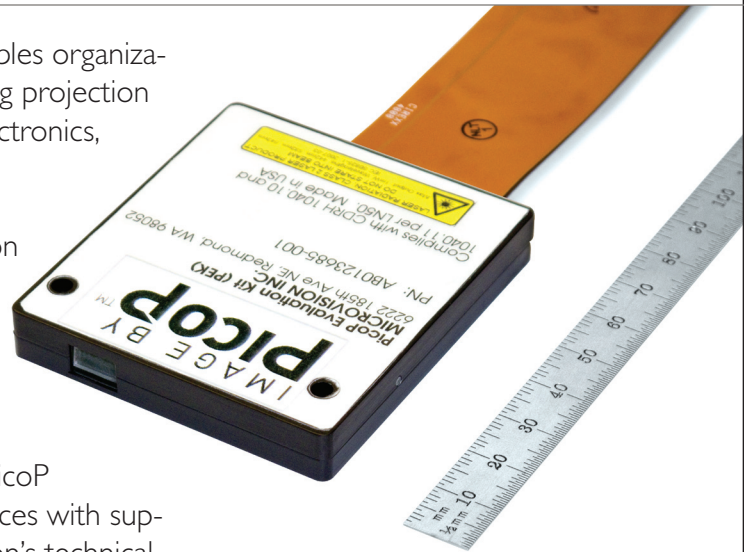
# PicoP™ Evaluation Kit (PEK)

The PicoP Evaluation Kit (PEK) is an evaluation tool that enables organizations to explore applications using Microvision’s laser scanning projection technology. Applications span consumer and automotive electronics, medical devices, industrial solutions and more.

The PEK delivers “always in focus” images at a wide projection angle with high resolution and a wide color gamut, all from a package that is less than 10mm thick. These important performance features are unique to Microvision’s PicoP display engine.

The kit includes all the elements necessary to evaluate the PicoP including the main module (shown), digital and analog interfaces with supporting flex cables, user manual, power supply and Microvision’s technical support.

PicoP Evaluation Kits are available for purchase to qualified organizations.



**To get started, please visit:**  
[www.microvision.com/pek](http://www.microvision.com/pek)

<b>Performance</b>	Resolution	WVGA (848 × 480)
	Brightness	10 Lumens
	Aspect ratio	16:9
	Refresh rate	60 Hz
	Color wavelengths	Red 642nm, Blue 442nm, Green 532nm
	Full screen contrast	> 5,000:1
	Throw ratio	1:1 (projection distance/image diagonal)
	Image size	From 150 mm to 2,500 mm (6" to 100"), depending on the ambient light conditions.
	Focus	No user focus adjustment needed. Image is always in focus, even on curved surfaces.
<b>Physical Attributes</b>	H × W × L	60 mm × 68 mm × 10 mm (2.36" × 2.68" × 0.39")
	Mass	65 grams
<b>Video Inputs</b>	RGB (VGA) & Digital RGB	Via interchangeable flex cable. 5-6-5 digital video interface.
<b>Power</b>	External DC power supply	Via interchangeable flex cable
<b>Other</b>	V <sub>SYNC</sub> pulse (output)	Allows synchronization with external devices if required
<b>Regulatory Compliance</b>	Class 2 laser product	Per IEC 60825-1:2007 and CDRH 1040.10, 1040.11 with laser Notice 50