

P L A T F O R M S

Our customizable platforms each have specific technology capabilities and limitations. Depending on what type of solution you are looking for, we will recommend the most appropriate platform as well as the best approach for optimizing the system for your product.

4 CUSTOMIZABLE PLATFORMS



PIXID 300

Signature high volume active alignment system with assembly and test capabilities



PIXID 500-S

Enhanced, automated active alignment system with single head



PIXID 500-D

Enhanced, automated active alignment system with dual head



PIXID 700

Highest accuracy system with nano-precision option and specialized mechanics

SPECIFICATIONS

| | Pixid 300 | Pixid 500-S |
|---------------------------|---|--|
| SUITABLE APPLICATIONS | <p>Cameras https://www.kasalis.com/content/kasalis/home/solutions/cameras</p> <p>ADAS Cameras https://www.kasalis.com/content/kasalis/home/solutions/adas-cameras</p> <p>AR & VR https://www.kasalis.com/content/kasalis/home/solutions/ar-vr</p> | <p>Cameras https://www.kasalis.com/content/kasalis/home/solutions/cameras</p> <p>ADAS Cameras https://www.kasalis.com/content/kasalis/home/solutions/adas-cameras</p> <p>Lidar/Tof https://www.kasalis.com/content/kasalis/home/solutions/lidar-tof</p> <p>3D Sensing https://www.kasalis.com/content/kasalis/home/solutions/3d-sensing</p> <p>AR & VR https://www.kasalis.com/content/kasalis/home/solutions/ar-vr</p> |
| UPH | 180 - 240' | 180 - 240' |
| AA HEADS | 1 | 1 |
| RESOLUTION (LINEAR) | < 0.2 μm | < 0.2 μm |
| RESOLUTION (ANGULAR) | < 0.01 deg | < 0.01 deg |
| AUTO-LOAD / UPLOAD OPTION | No (3rd party integration possible) | Yes |
| FOOTPRINT | 1.1m x 1.2m | 1.35m x 1.4m |

| | | |
|--------------------------------|--|--|
| <p>INTERFACE OPTIONS</p> | <p>I2C SPI MIPI HiSpi Sub-LVDS SLVS Parallel</p> | <p>I2C SPI MIPI HiSpi Sub-LVDS SLVS Parallel</p> |
| <p>OPERATING SYSTEM</p> | <p>VxWorks (RT) Windows Embedded Standard 7</p> | <p>VxWorks (RT) Windows Embedded Standard 7</p> |
| <p>DISPENSE TECHNOLOGY</p> | <p>Positive Displacement Micro-Jetting</p> | <p>Positive Displacement Micro-Jetting</p> |
| <p>UV CURE WAVELENGTHS</p> | <p>365nm 385nm Broadband UV</p> | <p>365nm 385nm Broadband UV</p> |

* UPH numbers are typical but vary according to application

FEATURES



ACTIVE ALIGNMENT

Leading-edge active alignment technology for uniform clarity of optical modules in up to 6 DOF



ADAPTIVE INTELLIGENCE

Dynamic process control software that uses real-time feedback to improve yield



OPTICAL MODULE ASSEMBLY

Advanced production systems for the assembly and test of camera and projection modules



ADVANCED OPTICAL TESTS

Sophisticated test algorithms for the comprehensive functional characterization of optics



HIGH VOLUME SYSTEMS

Efficient cycle times result in ability to provide high volume production levels



LEAN MANUFACTURING

Highly efficient process and design of systems reduces lead times for customers

FIND OUT MORE

If you are interested in our Pixid systems, please **contact us** (</company/contact.html>) or **download our brochure** (</dam/jcr:f71666fc-0ece-4cd4-91df-63158acec441/jabil-kasalis.pdf>).

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