

PROJECTION PICKING

Lightning Pick Light-Directed Order Picking



Visual Error Proofing

Matthews Automation's Lightning Pick is the best-of-breed pick-to-light solution available. Along with light module-based systems, Lightning Pick offers complementary image projection technology that expands and enhances the possibilities of material handling applications like picking, kitting, sorting and assembly.

Projection Picking utilizes a laser projector which can display information such as: picks or puts, product details, precautions, instructions and even photos or video. Another characteristic adding to its flexibility is that it can be used for an ever-changing footprint of cubbies, bins, totes, shelves, etc. For example, third party logistics (3PL) operations may choose to change the layout instantly when switching clients' fulfillment orders.

Applications

- ▶ Ideal for complicated manufacturing/assembly through easy-to-follow instructions
- ▶ Error proofing individual component picking
- ▶ 3PL applications where minimizing fixed cubbies and hardware allows for greatest flexibility
- ▶ Ecommerce or high value item picking — system can show error when mis-picking



Projection Picking

Image Projection Solution

Features

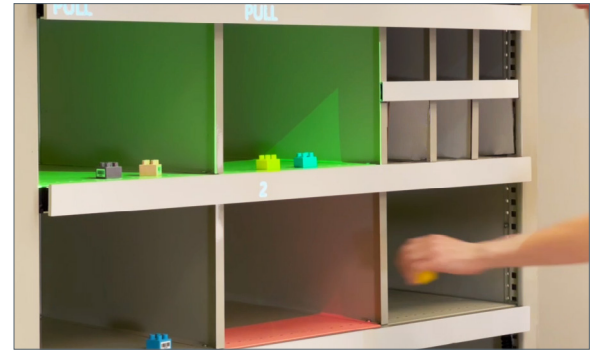
- ▶ Up to a hundred different defined layouts which can be switched in an instant
- ▶ Able to display photo information and video with sound
- ▶ When used in conjunction with LIDAR remote sensing, prevents incorrect operations with alarm features
- ▶ Combining with AMRs allows for picking instructions never before possible
- ▶ Can project on even the smallest locations where there are a large number of small slots
- ▶ Allows for a wide variety of slot shapes and sizes

System Hardware

- ▶ PPS Controller
- ▶ Projector
- ▶ LIDAR remote sensing scanner (optional)

About Matthews

Matthews Automation Solutions' best-of-breed product for light-directed technologies, Lightning Pick, is the number one installed pick-to-light system in North America. Our pick-to-light, put-to-light, pack-to-light, pick carts and other solutions optimize material handling processes — from manufacturing through order fulfillment.



Projection picking showing laser projector and LIDAR remote sensor

Let's talk about your application.

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