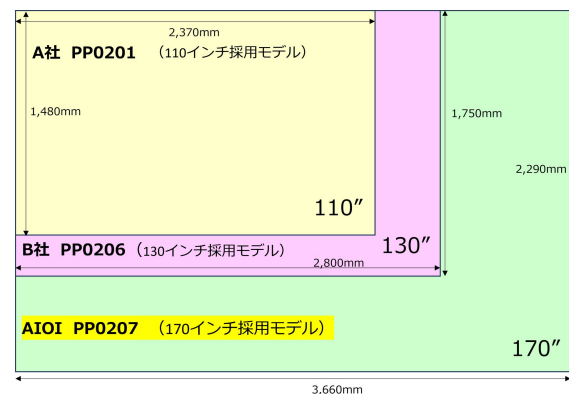


AIOI announces the release of the AIOI brand projector PP0207.

PP0207 can project image on two (2) AGV racks or two (2) medium-weight racks, which is ideal for logistics sites, and can project a wide area and realize Poka-yoke(*1) with a single PPS system, maximizing efficiency in picking and sorting operations.

AIOI Systems Co., Ltd. (Shinagawa-ku, Tokyo, Japan; Yutaka Yoshino, President; hereinafter "AIOI"), which develops, manufactures, and sells logistics systems that improve the efficiency of picking and sorting operations, will begin accepting orders for the new projector PP0207 for Projection Picking System (PPS), a picking and sorting operation support system using projection mapping technology.

Compared to existing projectors, PP0207 can project up to 170 inches, which is equivalent to two (2) AGV racks or two (2) medium-weight racks, ideal for logistics sites. It has a feature that prevents operators from being overshadowed due to Ultra Short Throw projection function. PPS can be used for picking and sorting in a wide area of logistic and manufacturing site and can handle more items with a single unit. Thanks to free location and its sensor based Poka-yoke function, PPS can be used in a wide range of picking and sorting operations in the logistics and manufacturing sites.

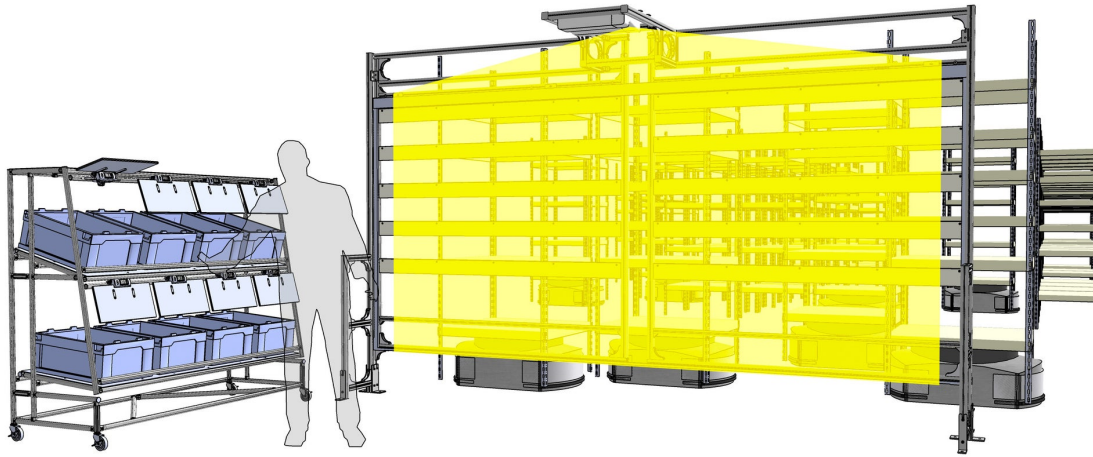


(*1) Pokayoke is human mistake prevention system.

■Example of application of PP0207

Main solution using PP0207 (1): AGV Station + PPS Goods to Person Station

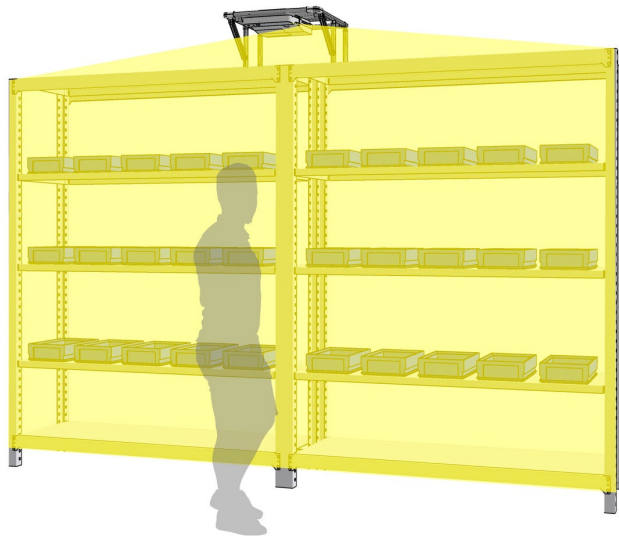
AGV Station is equipped with PPS Poka-yoke function, which prevents mis-picking by Poka-yoke alert. In addition, by linking with SAS (Shutter Assorting System), it is possible to link with the sorting operation after picking, and to reduce the number of operating errors to as close to zero as possible.



Main solution using PP0207 (2): Wide Rack + PPS

Thanks to a wide projection area equivalent to two (2) pcs of 1,800mm wide medium-weight rack, only one system can handle all area while conventional PPS requires two (2) systems.

It has sensor based Poka-yoke function.



PP0207 can also be used in 0°C environments, making it ideal for sites such as food distribution centers.

■ Features of PP0207

- Ø Large Projection Image: 170inch diagonal 3.6meter (W) x 2.3meter (H) *Recommended size: 150 inches
- Ø AGV Rack Projection 1.3m W x 2.2m H
- Ø Light Weight 5.6 kg for easy installation
- Ø 0°C Operation (0 - 40°C)

- Ø Long life: 30,000 hours (*In Eco-mode) *Conventional model: 20,000 hours
- Ø Ultra-High Resolution WUXGA 1920 x 1200
- Ø High Brightness 4,500lumen

*When projecting over a wide area, one system can cover what used to require two systems for conventional PPS.

■ What is Projection Picking System PPS?

PPS was commercialized in 2016 as the world's first product in the industry by combining our 30 years of accumulated know-how on picking support systems with projection mapping technology, in an effort to develop a product that can be installed on small shelves, etc., which our existing Pick to Light System cannot handle, and features Poka-yoke. PPS allows for a wider range of expression, including images, video, and sound, and can project easy-to-understand operation instructions and progress status to operators. PPS is equipped with a Poka-yoke function that combines sensors or image recognition technology, and is used in a wide range of industries, including food, apparel, pharmaceuticals, and materials.

We also believe that PPS can improve the efficiency of operations after discharging from robots (AGVs and AMRs) and automated warehouses, thereby improving operation accuracy and contributing to labor savings.

*Projection Picking System is a registered trademark of AIOI System Co., Ltd.

■ About AIOI Systems Co., Ltd.

AIOI supplies products worldwide to support logistics and manufacturing DX (Digital Transformation) based on its vision of "Amazing the world with innovative ideas and designing the future. As a pioneer of Pick to Light Systems, AIOI has expanded its business to 72 countries around the world and boasts the No.1 market share in the industry.

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Representative: Yutaka Yoshino, President

Business:

Proposes, Designs, Develops, Manufactures and Sells and Services:

Computer hardware and software

Automatic Control and Measuring systems

Non-polar 2-wire network equipment

Security systems

Logistic systems

Hardware/Software for Supply Chain Distribution Center

Various manufacturing support systems

Pick to Light System

Website: <https://www.hello-aioi.com>

AIOI Systems Co., Ltd. is a group company of TOPPAN Holdings Inc.

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