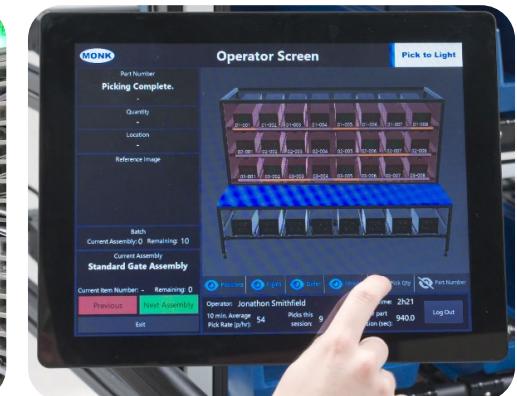
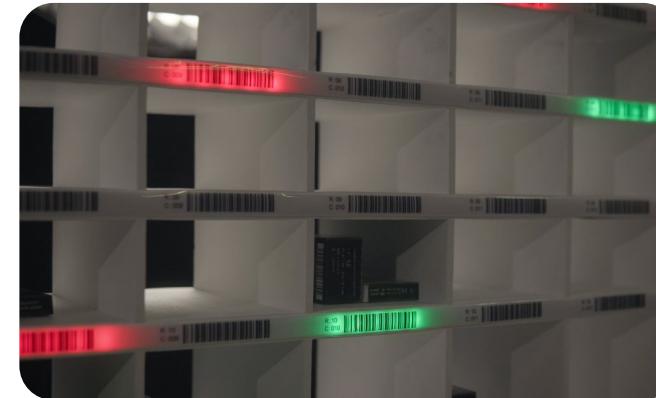




# Pick to Light System Selection Guide



# What is Pick to Light?

A Pick to Light System shows staff quickly and efficiently where they should pick from.

- The system lights up a tote bin, shelf location or pocket (pigeon hole) within a stores/warehouse area.
- Staff see the light and know instantly this is the location of the product they need to pick.
- The Monk Pick to Light system is unique as it uses a continuous LED ribbon to create the lighting. The lighting is protected behind a tough covering.
- This method produces a cost-effective system, which has the capability to illuminate areas in many different colours. The system is also very customisable to how your site operates and is very easy to use.
- It can also be used to show staff where to put product away.





# Advantages

A Pick to Light system can have a massive impact by **increasing**:



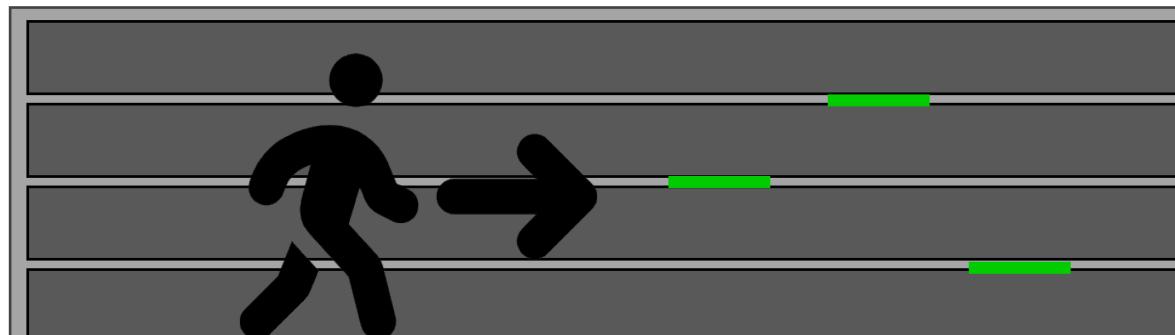
- **Speed** as staff do not have to look for a location or use memory to know where a type of product is.
- **Efficiency** because work which is close together can be picked together. Therefore, reducing the amount of walking.
- **Accuracy** as staff will pick from a location that has a light, there is less chance of an error by picking from the wrong location.



A Pick to Light system can have a massive impact by **reducing**:



- **Space** product can be stored efficiently in small pockets.
- **Stock** as stock is put away accurately and less likely to be lost from putting in the wrong location.
- **Errors** as a combination of light, barcode reading and even optional sensors can check for a correct pick.



**“This system maximizes product storage in a small footprint. It greatly reduces picking time and the chance of picking mistakes”**



# Scanner Type

Three basic scanner options are shown as standard

- Hand Held – cost effective and a large range of options widely available
- Pro Glove – keeps both hands free and will display pick quantities
- Fixed Scanner – product moves in front of the scanner on a conveyors or manually



## Rack Type

Racks can be supplied or the system can be fitted to existing racking

- Four options are shown below along with a bespoke option which can be discussed
- Add an X to the part number for existing racking, i.e. POX, SBX, FRX, PRX

Pocket	Static Bin	Flow Racking	Pallet Rack	Bespoke
 <b>PO</b>	 <b>SB</b>	 <b>FR</b>	 <b>PR</b>	 <b>BES</b>

## Control Type

## PTL Gateway (SushiNet PCB) with PSU

- Mains voltage
- Ethernet connection to host PC
- 20 LED ribbons per module
- Plug & Play

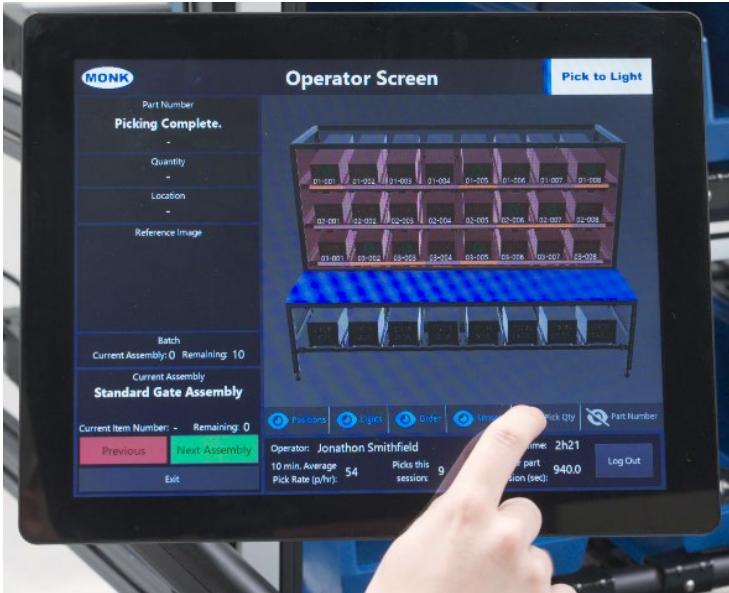
## Industrial PC/Interface

- PTL Gateway (SushiMapper) commissioning software
- Optional POS screen upgrade
- Communication protocols (Options detailed below)

Basic	Intermediate	Advanced
<p><b>Printer Option</b></p> <ul style="list-style-type: none"><li>• Bolt on to any existing picking process</li><li>• No customer IT changes required</li><li>• The Industrial PC will act as a 'printer', the customer prints their pick list to the Monk PC, which relays it to the real customer printer.</li><li>• Can be used without scanners if one pick list is sent at a time</li></ul>  <p><b>BAS</b></p>	<p><b>TCP Fixed String</b></p> <ul style="list-style-type: none"><li>• Customer is in complete control of illumination and colours</li><li>• Existing scanners and picking hardware is used</li><li>• No changes to the picking process software</li><li>• Pick to Light – Put to Light or Batch picking</li><li>• PLC option for industrial applications</li></ul>  <p><b>INT</b></p>	<p><b>SQL Database</b></p> <ul style="list-style-type: none"><li>• Microsoft SQL database</li><li>• Scanner or POS Interface control</li><li>• Pick to Light – Put to Light or Batch picking</li></ul>  <p><b>ADV</b></p>



# Options



## Screens

### Touch Screens (HMI)

- Intuitive display screens
- Easy to use graphics
- Fault finding, alarms and query pages
- Can include assembly information, product pictures, video and other information.



## Hand Detector Sensors

### Sensor Bars

- Detect the staff hand has entered the correct location
- Linked to the Monk control system to warn of errors
- Horizontal and vertical detection (vertical only shown above)



## Labels

### Printed Location Labels

- Part numbers or product codes
- Barcodes
- Shelf positions

# Pick To Light



Providing the ideal solution to your Picking

## Thank You

If you have any further questions, please  
contact the sales team at MONK

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[sales@monk-conveyors.co.uk](mailto:sales@monk-conveyors.co.uk)