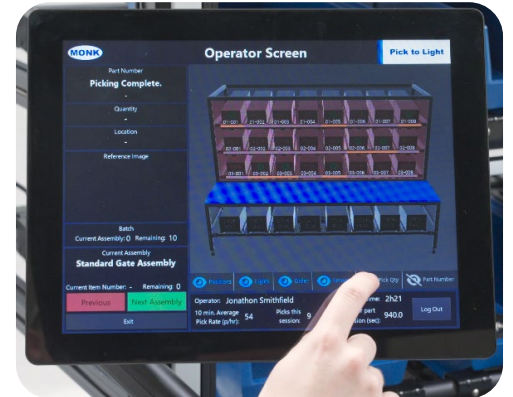
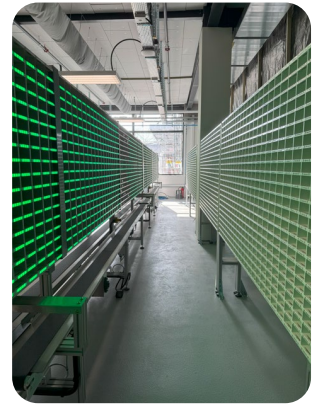
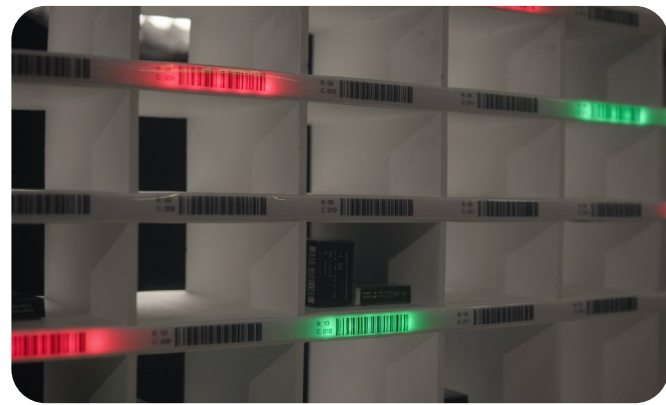




Pick to Light System Selection Guide

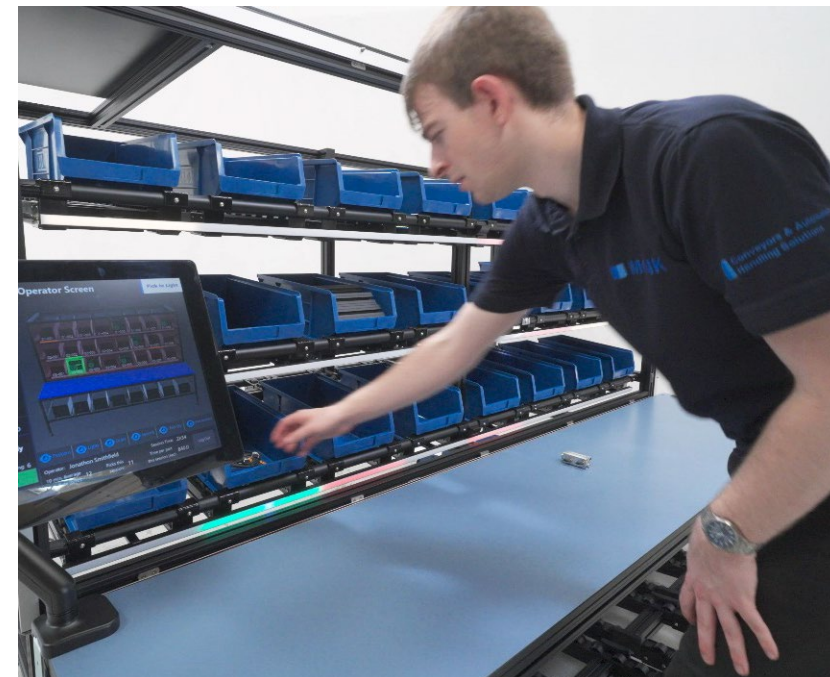




What is Pick to Light?

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

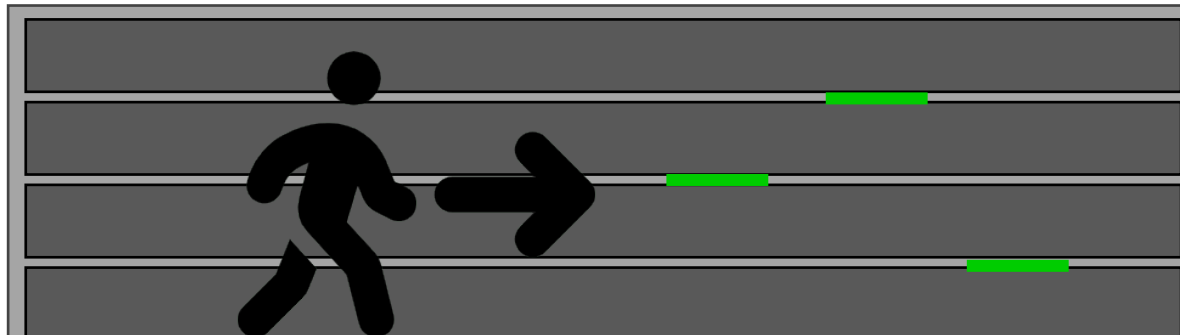
A Pick to Light system can have a massive impact by **increasing**:

- **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”

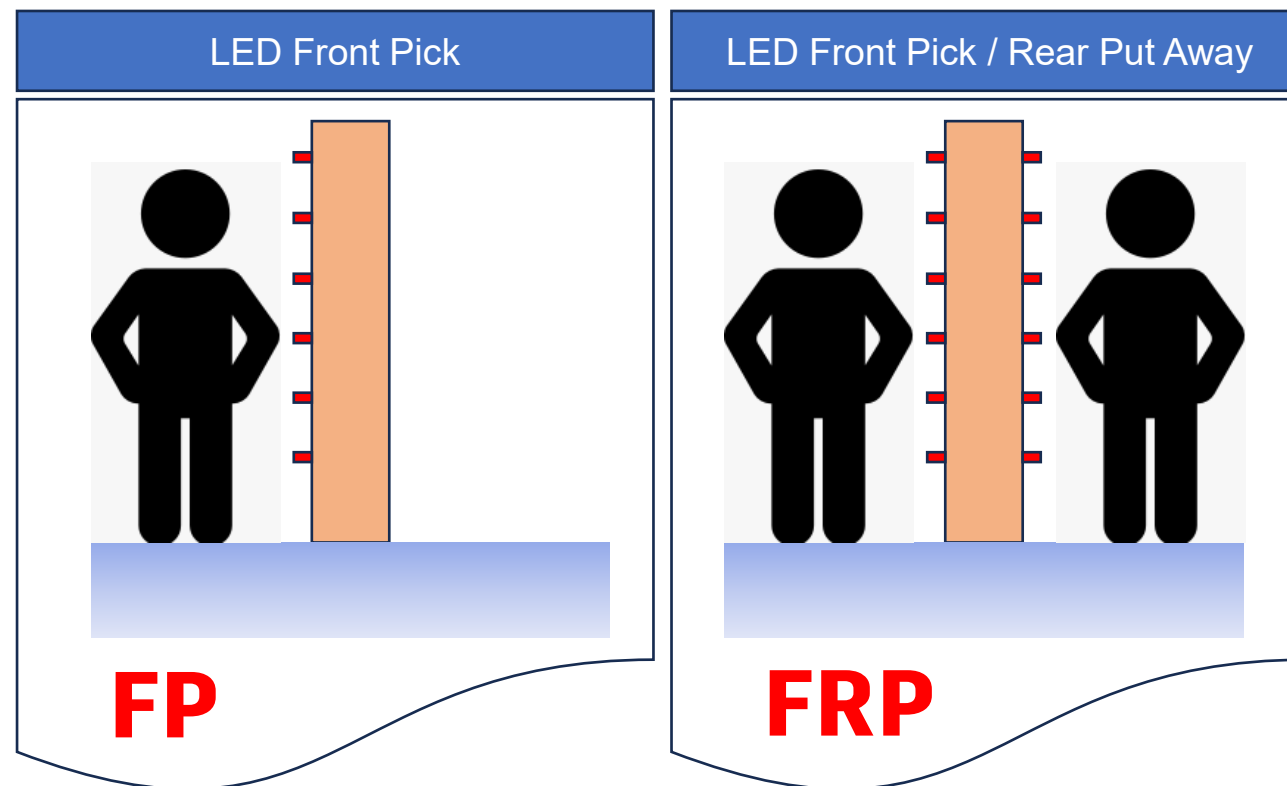


LED-**FP**-H-PO-BAS

LED Type _____

IP67 Silicone sheathed addressable LED Ribbon

- Standard cuttable lengths 1800 – 2400 – 3200 (standard rack lengths)
- Self-adhesive backing
- Standard plug & play extension cables



LED-FP-**H**-PO-BAS

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

Hand Held	Pro Glove	Fixed Scanner
 H	 G	 F

- 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

Bespoke



BES

LED-FP-H-PO-BAS




Control Type ↑

PTL Gateway (SushiNet PCB) with PSU

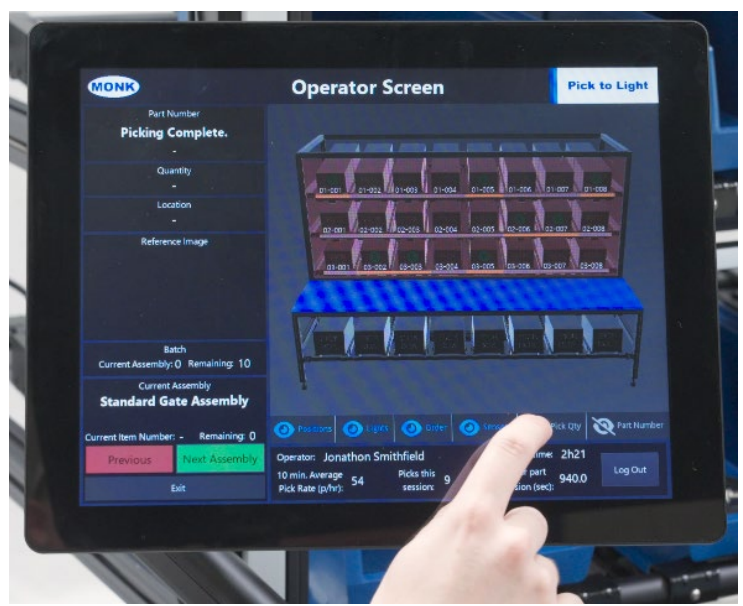
- Mains voltage
- Ethernet connection to host PC
- 20 LED ribbons per module
- Plug & Play

Industrial PC/Interface

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

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

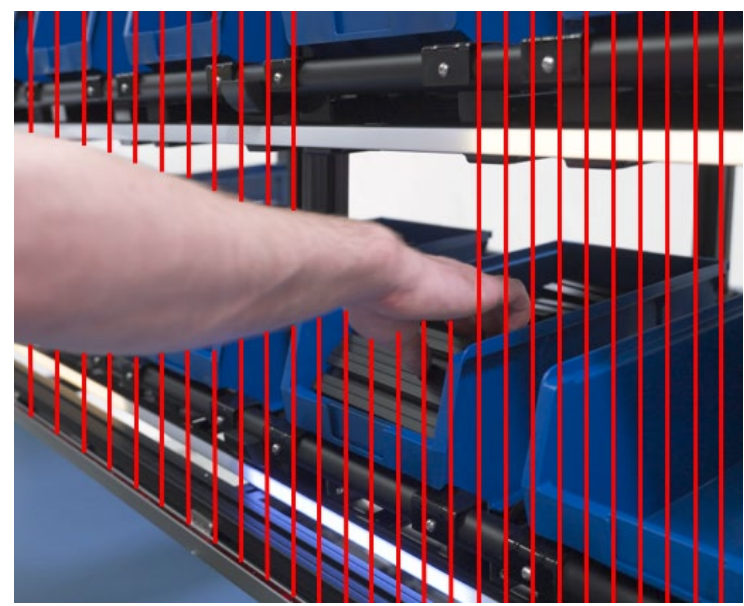
Options



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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