The new generation
of the Pick2Light wireless system

FASTHINK

EA00244828

P2L:ght®
Pick To Light system

«eKanban®
smart sensor

Pick2Light wireless touchless

The new generation of wireless Pick2Light by FasThink is touchless!
The new device seamlessly carried forward the wireless philosophy introduced
by FasThink's Pick2Light system and presents the new touchless innovation.

It is bound to be greeted with surprise and appreciation in the world of Manufacturing and Logistics, as it allows the operator to work without the use of objectification buttons.

With the new touchless version, material picking and confirmation take place simultaneously, without the need for the operator to press any buttons, and therefore with no contact with the control panel or the use of paper forms or palm devices.

Wireless Pick2Light is an innovative manual material picking system that uses light to guide the operator to the locations from which to collect material in a picking process.

Target: zero contact - zero errors - zero wiring costs - easy&fast.

The Pick2Light wireless touchless system is an incredible step towards the future of logistics, ensuring unmatched performance in warehouse picking and production kit composition.
In addition, wireless communication allows for amazing flexibility, easy integration and zero wiring costs.

This solution is particularly suited to e-commerce logistics applications, where speed and precision in item picking are fundamental requirements for the utmost efficiency in picking processes.

Furthermore, the system offers considerable flexibility of use, as it is possible to change the position of the Pick To Light buttons on each storage section without structural modifications to wiring and without the technical support of specialised installers, meaning that this operation can be carried out directly by the picking operator themselves.

P2Light consists of a Gateway antenna capable of wirelessly handling illuminated buttons available in a range of versions to best respond to usage requirements, such as, for example Operator calls, material calls, electronic Kanban and the Put To Light and Pick To Open systems.

"Software connectors" to facilitate integration with existing information systems in use.

Faithful to the concept of flexibility and ease of use, the available application tools allow the wireless P2Light system to be easily created and integrated to any requirement.

For turnkey solutions

With the Connect Orchestrator platform, it is possible to integrate the P2Light wireless system with ERP, WMS and MES systems, manage data exchange, quickly and easily associate product-position-button, and monitor the system in real time via the diagnosis application according to operational requirements. Furthermore, with Connect Orchestrator, it is also possible to integrate other optional peripherals such as e-Kanban sensors, ESL (Electronic Shelf Label), and identification technologies such as RFID, Barcodes, Mobile Computers and even more, solving the critical "last mile" issues.

For the System Integrators

The innovative "modular and open" construction principle which is behind Pick2Light, makes this system the best problem solver, even for System Integrators looking for smart solutions for digital transformation in Logistics and Manufacturing.
For certified System Partners, in addition to qualified technicians, APIs are available for integration with existing systems.

Main characteristics

- Touchless optical detector sensor
- Two-way wireless communication
- High efficiency illuminated buttons
- Up to 5-years battery life
- Battery life monitoring
- Housing for industrial use
- Easy to install and configure
- Coverage of up to 90 m
- E-ink graphic display

Advantages

- Touchless: no contact between the operator and the control panel
- Savings: no wiring costs
- No errors: reduction in errors in the preparation phase of the kit
- Savings: reduction in downtime due to manual errors
- Free: Hands-free operations
- Fast: Simultaneous handling of two or more operators
- Savings: No training courses for new operators necessary
- Smart: easy integration with MRP, ERP, MES and WMS systems

Applications

- Lean manufacturing
- Assembly lines
- Supermarket areas
- E-commerce
- Logistics and intralogistics
- Line set-up
- Operator calls
- Material calls

e–Kanban wireless smart sensor by FasThink

The warehouse for the Smart Factory is "wireless"!
e–Kanban Smart Sensor is a next generation device patented by FasThink

It manages information for the reintegration of warehouse stock, automatically communicating with the management system via an RF transmitter-receiver with LoRa technology and protocol. The design of the e-Kanban Smart Sensor is similar to an industrial limit switch.

Easy to install, thanks to wireless communication there is no need for complex and expensive wiring.
It is easily fitted to gravity conveyors where the containers for the picking of items are positioned.

With the e-Kanban Smart Sensor, information travels over long distances while using very low consumption.

Target: zero wiring costs, zero errors, zero delays, easy & fast when requesting automatic material reintegration.

Operation is extremely simple and efficient; each time an empty container is removed from the roller conveyor or other forms of racking, the sensor detects the change of status and automatically sends a procurement request to the information system for the missing material or, alternatively, to the operator in charge of restocking, or any subject appointed. Designed to optimise the management of production line supplies with a view to Industry 4.0, e-Kanban Smart Sensor is ideal for the Automotive sector, Manufacturing, e-commerce and Logistics.

In order to optimise the in-field integration of e-Kanban with the information systems in use, the R&D department of FasThink has developed a range of solutions, also based on cloud platforms, that efficiently communicate with all ERP, WMS and MES systems, solving critical "last mile" issues.

Again, with e-Kanban, modularity and flexibility are the principles that make this system a precious problem solver for System Integrators and end users, looking for smart solutions for digital transformation in manufacturing and logistics.

As with the P2Light system, e-Kanban also requires no wiring, and can therefore easily be installed without the use of specialised installers.

Main characteristics

- Two-way wireless communication
- LoRa WAN wireless communication protocol
- Long battery-life up to 8 years
- Battery level monitoring
- Industrial housing
- Easy to install and configure
- Coverage of up to 300 m

Advantages

- Savings: reduction of wiring costs
- Free: hands-free operations
- Easy: easy configuration and integration
- Savings: reduction in errors in material procurement
- Savings: reduction in downtime due to manual errors
- Smart: integration with ERP, WMS and MES systems

Applications

- Lean manufacturing
- Supermarket picking logic
- Picking logic
- Material calls
- Operator calls

P2L:ght®
Pick To Light system

⑴eKanban®
smart sensor

FᴀsTʜɪɴᴋ®
What if