

noguiana

Get a Simple Solution Performance

Atop

www.noguiana.com

ABLEPick

Pick-to-Light System

Productos Sin Cables



TCP/IP Arquitectura

Mejorar los procesos de Picking

Aumentar la Productividad

Reducir de los errores

Mejorar Gestión de Almacén

Pick-to-Light System

Cableless Products

ABLEPick is an advanced paperless picking system providing an innovative, streamlined and cost-effective Pick-to-Light solution to simplify the order fulfillment process in warehouse or distribution center. ABLEPick uses a state-of-the-art and light-directed technology to maximize the picking productivity, speed and accuracy in different picking operation.

Features

- TCP/IP architecture
- Cableless pick tags
- Versatility in different operating modes configuration
- Easy to install, maintain and upgrade
- Wide operating temperature range (from -25°C to 40°C)

Benefits

- Paperless picking process
- Streamline the order fulfillment process
- Increase picking productivity dramatically
- Accuracy assured: virtually eliminate picking error, below 0.1%
- Easy to use: picker can usually be trained in less than 1/2 hour
- Strengthen management control: on-line picking data control, easy to prompt the material shortage

AT500 TCP/IP Controller



- Connected to maximum 120 lights
- 10/100Mbps Ethernet TCP/IP protocol
- Power Requirements: AC110V/220V
- Size: 250mm(L) x 130mm(W) x 100mm(H)
- Operating Temperature: 0°C~50°C

AT505/L 5-Digit Pick Tag



- 5-digit display
- 1 confirmation button + 2 function keys
- 3-colored LED Indicator: Red, Green, and Orange can be selected by software
- Power Requirements: DC12V, Max: 200mA
- Size: 148mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature: 0°C~40°C (Forzen Model: -25°C~40°C)

AT504A 4-Digit Directional Pick Tag



- 4-digit display
- 1 confirmation button + 2 function keys
- 3-colored LED Indicator: Red, Green, and Orange can be selected by software
- 2 directional arrows, up arrow is red, down arrow is green.
- Power Requirements: DC12V, Max: 200mA
- Size: 148 mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature : 0°C~ 40°C

AT503A 3-Digit Directional Pick Tag



- 3-digit display
- 1 confirmation button + 2 function keys
- 3-colored LED Indicator: Red, Green, and Orange can be selected by software
- 2 directional arrows, up arrow is red, down arrow is green
- Power Requirements: DC12V, Max: 200mA
- Size: 148mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature: 0°C~40°C

AT503-4K 3-Digit, 4 Lightable Buttons Pick Tag



- 3-digit display
- 1 confirmation button + 2 function keys
- 4 lightable buttons: Red, Green, Yellow and Blue
- Power Requirements: DC12V, Max: 200mA
- Size: 200 mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature : 0°C~ 40°C

Pick-to-Light System

Cableless Products

AT502 2-Digit Pick Tag



- 2-digit display
- 1 confirmation button + 2 function keys
- 3-colored LED Indicator: Red, Green, and Orange can be selected by software
- Power Requirements: DC12V, Max: 200mA
- Size: 100mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature: 0°C~40°C

AT502V 2-Digit, Vertical & Directional Pick Tag



- Vertical pick tags
- 2-digit display
- 1 confirmation button + 2 function keys
- 3-colored LED Indicator: Red, Green, and Orange can be selected by software
- 2 directional arrows, right arrow is red, left arrow is green
- Power Requirements: DC12V, Max: 200mA
- Size: 46mm(L) x 148mm(W) x 30mm(H)
- Operating Temperature: 0°C~40°C

AT50N Economic Pick Tag



- 1 confirmation button
- 3-colored LED Indicator: Red, Green, and Orange can be selected by software
- Power Requirements: DC12V, Max: 200mA
- Size: 74mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature: 0°C~40°C

AT506-3W-123 6-Digit, 3 Separated Windows Pick Tag



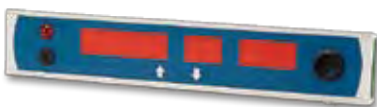
- 6-digit, 3 separated windows display
- 1 confirmation button + 2 function keys
- 3-colored LED Indicator: Red, Green, and Orange can be selected by software
- Power Requirements: DC12V, Max: 200mA
- Size: 200 mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature: 0°C~40°C

AT506-2W-33 6-Digit, 2 Separated Windows Pick Tag



- 6-digit, 2 separated windows display
- 1 confirmation button + 2 function keys
- 3-colored LED Indicator: Red, Green, and Orange can be selected by software
- Power Requirements: DC12V, Max: 200mA
- Size: 200 mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature : 0°C~ 40°C

AT50A-3W-523 10-Digit, 3 Separated Windows Pick Tag



- 10-digit, 3 separated windows alphanumerical display
- 1 confirmation button + 2 function keys
- LED indicator + Buzzer
- Power Requirements: DC12V, Max: 250mA
- Size: 260mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature : 0°C~ 40°C

AT506/L Order Display



- 6-digit order display
- Power Requirements: DC12V, Max: 200mA
- Size: 148mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature: 0°C~40°C (Forzen Model: -25°C~40°C)

Pick-to-Light System

Cableless Products

AT50C/L 12-Digit Alphanumeric Display



- 12-digit alphanumeric display
- 1 confirmation button + 2 function keys
- LED indicator + Buzzer
- Power Requirements: DC12V, Max: 250mA
- Size: 260mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature: 0°C~40°C (Forzen Model :-25°C~40°C)

AT510/L Completion Indicator



- Confirmation button
- LED indicator + Buzzer
- Power Requirements: DC12V, Max: 100mA
- Size: 148mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature: 0°C~40°C (Forzen Model: -25°C~40°C)

AT510M Melody Completion Indicator



- Confirmation button
- LED indicator + Speaker
- 12 eclectic melody songs
- Power Requirements: DC12V, Max: 100mA
- Size: 148mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature: 0°C~40°C

AT511/L Bay Indicator



- LED indicator
- Power Requirements: DC12V, Max: 100mA
- Size: 74mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature: 0°C~40°C (Forzen Model: -25°C~40°C)

AT520 RS232 & Digital I/O Field Interface



- 4 digital inputs
- 4 digital outputs with relay module
- RS232 converter with 9-pin male connector
- 8 indicators for digital I/O status
- Power Requirements: DC12V, Max: 250mA
- Size: 125mm(L) x 80mm(W) x 80mm(D)
- Operating Temperature : 0°C~ 40°C

AT530/L RS-232 Converter



- 1 LED signal indicator
- Power Requirements: DC12V, Max: 200mA
- Output 5V, 200mA current on Pin 1
- Size: 148mm(L) x 46mm(W) x 30mm(H)
- Operating Temperature: 0°C~40°C (Forzen Model:-25°C~40°C)

AT540 Address Installation Tool



- Portable
- 12V battery
- Operating Temperature: 0°C~40°C

Picking Strategy



Pick-to-Light System

When Pick-to-Light System is applied to the order picking environment, it enables an order picker to quickly and easily find the correct location by means of lights and LED displays. Each tag represents a product in the storage location. Besides guiding the picker to the exact location, the lights also display the precise amount ordered and requires confirmation while each item is picked.

7-11 chain store DC.(Retail Support International, Uni-President Cold-Chain Corp., Retail Support Taiwan Corp., Wisdom Distribution Service Corp.,)

- Cosmed chain store DC
- Nissan Motor Co., Ltd. Ford Lio Ho Motor Co., Ltd.
- Mary Kay Cosmetics (Taiwan), Inc., Nu-skin
- Home & Garden Party
- Boehringer Ingelheim Taiwan, YSP(Pharmaceutical company)
- Life International Co., Ltd (Convenience chain store DC)
- Universal Music Ltd. (Music record company)
- Synnex Technology International Corp., Arcoa Taiwan (Telecommunication Chain DC.)
- Northwest Foods Ind. Co., Ltd.
- Quanta Computer Inc., Wistron Corp., LEO System, Inc., Ambit Micro-systems Corp., Compal Electronics, Inc., Giga-Byte Technology Co., Ltd., ASUS Tek Computer Inc.



Put-to-Light System

Put-to-Light System usually applies to the batch picking environment. It functions as Pick-to-Light in reverse. Once the items for the orders are batch picked in the warehouse and brought the Put-to-Light System. The picker will scan/input an item and all the locations that need that item will illuminate. The picker will distribute the item to each location and extinguish the light.

7-11 chain store DC.(Uni-President Cold-Chain Corp.)

- Life International Co., Ltd (Convenience chain store DC)
- Kingsmond, Eslite Logistics Co., Ltd.(Book chain store DC)
- Life International Co., Ltd. (Convenience chain store DC)
- T-Join transportation Co., Ltd.
- ID Logistics
- Taiwan Service Merchandise Co., Ltd.
- NEC Logistics Taiwan, Ltd.

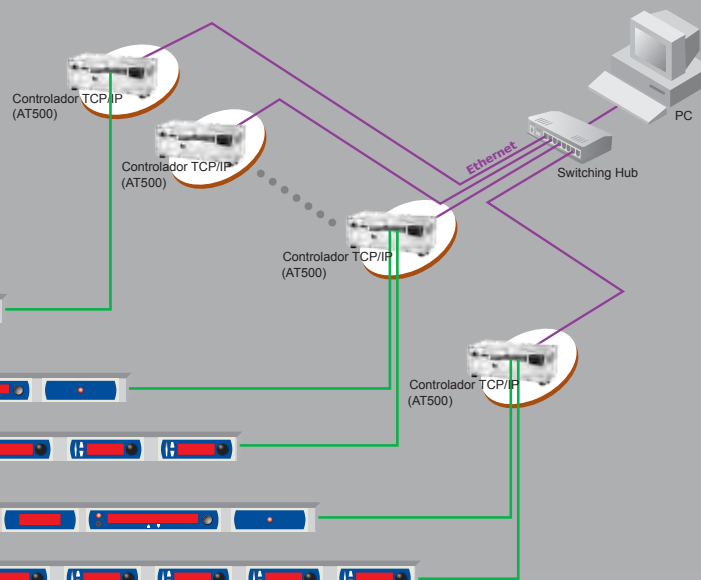
Sin cables, Instalación sencilla



AT511 AT510 AT505 AT506 AT50C AT530



ABLEPick Estructura del hardware



Instalaciones realizadas



Noguiana S.L.

Oficinas Centrales

Avenida Osa Mayor, 105

28023 Madrid

www.noguiana.com

TEL : +34 911 010 881

FAX : +34 901 666 161

info@noguiana.es