



THE NEXT GENERATION OF SELF-SHOPPING

The Joya X1 device makes shopping faster and is easy to use, allowing users to save time when shopping. Its exclusive design, light weight, easy handling and ergonomics make the Joya X1 device the ideal companion for a fun and exciting shopping experience.

THE SHOPPING EXPERIENCE

Customers use the Joya X1 device simply by pointing it at a product bar code, clicking on a button to scan the code, which then shows a description and the price of the product on the display. While shopping, customers will be able to check a list of all products previously scanned and have access to an up-to-date total of their purchases, additional store offers, promotions and discounts.

The Joya X1 device allows customers to bag their own merchandise as they scan and shop. When their shopping is completed, they simply go to the checkout without having to wait in line. The customer is able to pay at the checkout using self-payment kiosks without having to remove any of the merchandise from the cart or bag. This reduces waiting times considerably and allows the customer to spend more time shopping for desired items.

Joya can also be used as a Queue Busting service, allowing a clerk to scan the items in a customer's basket while they're in line, drastically reducing the amount of time spent at a checkout stand.

READING CAPABILITIES

Bar code reading with the Joya X1 device is amplified by Datalogic's patented 'Green Spot' technology for good-read feedback. This visual confirmation is perfect for noisy environments or in areas where it is difficult to hear the confirmation beep.

The Joya X1 device uses 1D imaging technology and has the ability to scan 1D coupons on Smartphones.

EASY TO INTEGRATE

The Joya X1 device is capable of working with Shopevolution™ software, Datalogic's innovative middleware for self-shopping, as well as other third party software applications.



FEATURES

- Available in two models: Basic and Plus
- Lightweight, rugged, easy to use and ergonomically shaped
- Datalogic's patented 'Green Spot' technology for good-read feedback
- Attractive customizable covers
- Quality polyphonic sound
- Backlit color graphic display (Touch screen with Joya X1 Plus only)
- 6-Key keypad
- Illuminable rubber inserts for cushioning unexpected drops
- 1D imaging technology
- 4 GB additional flash memory (Joya X1 Plus only)
- WiFi and USB connectivity
- Microsoft® Windows CE
- Wavelink Avalanche® device management available upon request
- Rubber bumpers and keyboards are available in standard colors: blue, red, green and orange
- Hook for use with a neck lanyard
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

- Retail
- Self-Shopping
- Queue busting
- Inventory

WIRELESS COMMUNICATIONS

LOCAL AREA NETWORK (WLAN) IEEE 802.11 b/g/n; WiFi Security Standards, WEP, WPA, TKIP, WPA2, Cisco CCX v4 compatible

DECODING CAPABILITY

1D / LINEAR CODES Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.

ELECTRICAL

BATTERY Removable battery pack with rechargeable Li-Ion batteries.

ENVIRONMENTAL

DROP RESISTANCE Withstands drops from 1.2 m / 4.0 ft onto concrete
TEMPERATURE Operating: 0 to 40 °C / 32 to 104 °F

INTERFACES

INTERFACES USB 1.1 Client (with standard micro USB connector)

PHYSICAL CHARACTERISTICS

BUMPERS Top and bottom rubber bumpers (lighting on top bumper)
COLORS AVAILABLE Blue, Green, Red, Orange
DIMENSIONS 14.9 x 7.3 x 4.4 cm / 5.8 x 2.8 x 1.7 in
DISPLAY
Joya X1 Basic: TFT-LCD color display; QVGA: 320 x 240 pixels; 2.8 in diagonal; 65k colors
Joya X1 Plus: TFT-LCD color display; QVGA: 320 x 240 pixels; 2.8 in diagonal; 65k colors; Touch Screen
KEYBOARD 6 fully programmable keys in standard available colors: Blue, Green, Red, Orange
TOP COVER In-mould decorated plastic cover (optionally customizable)
WEIGHT With battery: 255.0 g / 9.0 oz

READING PERFORMANCE

READER CCD imaging engine; Scan Rate: 50 scans/sec
Optical Resolution: 5 mils
READING INDICATORS Beeper (Polyphonic audio codec); Datalogic's patented 'Green Spot' technology for good-read feedback

SAFETY & REGULATORY

AGENCY APPROVALS The product meets necessary safety and regulatory approvals for its intended use.
ENVIRONMENTAL COMPLIANCE Complies to EU RoHS

SOFTWARE

CONFIGURATION AND MAINTENANCE Wavelink Avalanche® device management pre-licensed, available upon request
Datalogic Configuration Utility (DCU)
DEVELOPMENT SDK Suite available upon request

SYSTEM

MEMORY **Joya X1 Basic:** System RAM: 128 MB; System Flash: 512 MB Flash Disc
Joya X1 Plus: System RAM: 128 MB; System Flash: 512 MB Flash Disc; 4 GB additional Flash
MICROPROCESSOR XScale™ PXA310 @ 624 MHz; 32 bit
OPERATING SYSTEM Microsoft Windows CE 6.0

Cradles and Holders

- 912201000 Cradle Dispenser with 3 slots
- 91ACC1056 Trolley Holder (60 pieces)
- 91ACC1057 Checkout Holder (12 pockets)

