JOYA™ TOUCH

JOYA™ TOUCH IS THE MULTI-PURPOSE DEVICE FOR RETAIL

Joya Touch is the multi-purpose device for use throughout retail that optimizes your ROI. The Joya Touch device is designed for use in Self-Shopping, Shop Floor, Access Control and more.

MULTIPLE DEVICES IN ONE

The Joya Touch device comes in two form factors: a handheld version resembling a smartphone and a pistol-grip version with a comfortable trigger. Joya Touch can be easily customized in several ways: upper case, front logo, battery cover and screen protector, both in colors and themes. This allows the retailer to choose either their corporate branding or other co-marketing logos.

WIRELESS CHARGING CRADLE

The Joya Touch device is charged using the industry's first wireless charging technology that eliminates the need for cleaning the contacts on the device and cradles. It radically reduces support costs and increases its life span.

The multi-bay cradle supports both handheld and pistol-grip models of the Joya Touch, ensuring the right configuration for every user/application. The retailer can chose between high density and front facing display installation, providing maximum flexibility.

USER INTERFACE

The user interface features a large touchscreen display along with Datalogic SoftSpot™ technology which allows users to choose the position of the soft trigger on the display.

BOOST AND FAST CHARGING

The Joya Touch device requires only 2.5 hours to recharge and the 'boost recharge' feature ensures 80 minutes of use after only 15 minutes of charging!

BLUETOOTH® WIRELESS TECHNOLOGY V4.0 - BLE AND BEACONS

The Joya Touch device supports Beacon technology for in-store localization. Bluetooth wireless technology and BLE can also be used to connect a wide range of peripherals such as printers, RFID readers, or other BT serial profile devices.

FEATURES

- Multi-purpose device: handheld or pistol-grip
- Wireless charging and high versatility cradle
- Boost and fast recharging
- Datalogic SoftSpot technology for innovative triggering through touch display
- 3-Axis Accelerometer detects changes in screen orientation
- 4.3 inch FWVGA and QVGA display
- Vibration feature informs users about upcoming events, discounts, promotional offers, etc.
- Fully supports Datalogic's self-shopping middleware 'Shopevolution' or third-party software
- Supports Datalogic's Queue-busting app
- The speaker informs users about upcoming promotions and sales, discounts, etc.
- Beacon support via BLE for geolocalization
- 2D imaging technology
- Datalogic's patented 'Green Spot' technology for visual good-read feedback
- USB connectivity
- Anti-theft Buzzer to protect the Joya units from leaving the premises
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI.

INDUSTRY – APPLICATION

- Retail:
  - Self- Shopping
  - Queue-Busting
  - Inventory
  - Access Control
  - Gift Registry
  - Shop Floor Applications
  - Assisted Sales

JOYA™ TOUCH
TECHNICAL SPECIFICATIONS

WIRELESS COMMUNICATIONS

Local Area Network (WLAN)	IEEE 802.11 a/b/g/n; Wi-Fi Security Standards, WEP, WPA, WPA2, TKIP, AES, PSK, Cisco CCX v4 compatible
Personal Area Network (WPAN)	Bluetooth wireless technology v4.0 - Dual Mode (Classic Bluetooth wireless technology and BLE available on Plus models)
NFC Communication	NFC communication between device and cradle

DECODING CAPABILITY

1D / Linear Codes	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D Codes	Aztec Code, Data Matrix, MaxiCode, QR Code, UPU FICS, USPS Intelligent Mail
Postal Codes	Australian Post, Japan Post, KIX Code, PLANET, POSTNET, Royal Mail Code (RM4SCC)
Stacked Codes	Micro-PDF417, PDF417, GS1 DataBar Composites, GS1 DataBar Expanded Stacked, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional

ELECTRICAL

Battery	Replaceable battery pack with rechargeable Li-Ion batteries; 3.7v; 3,000 mAh (12 Watt-hours)
Wireless Charging	2 charging options: Fast Charging or Standard Charging

ENVIRONMENTAL

Drop Resistance	Withstands repeated drops from 1.2 m / 4.0 ft onto concrete
Temperature	Operating: -10 to 50 ºC / 14 to 122 ºF

INTERFACES

Interfaces	USB 2.0 Client (with standard Micro-USB connector)

USER INTERFACES

Vibration	Software programmable (Plus models)
Accelerometer	3-Axis accelerometer
SoftSpot™ Technology	Virtual trigger/scan key
Trigger	Pistol-grip models only

PHYSICAL CHARACTERISTICS

Color Customization	Top case and battery covers (both handheld and pistol-grip models) and Scan Trigger (pistol-grip models) are available in various standard colors
Colors (Standard)	Blue, Red, Green, Orange, Yellow, Grey
Display	4.3 inch full touch TFT-LCD color display; FWVGA: 854 x 480 pixels; 16M colors, LED backlight
Touch Screen	Capacitive, multi-touch, Gorilla® Glass 3
Physical Keys	**Hand held:** Home fully programmable key **Pistol-Grip:** Home fully programmable key, Scan Trigger key
Lighting	Software programmable, lights at the bottom of the battery cover
Dimensions	**Hand held:** 14.5 x 7.67 x 3.38 cm / 5.7 x 3 x 1.33 in **Pistol-Grip:** 14.5 x 7.67 x 11.6 cm / 5.7 x 3 x 4.56 in
Weight (with Battery)	**Hand held:** 275 g / 9.7 oz **Pistol-Grip:** 305 g / 10.7 oz

READING PERFORMANCE

Depth of Field	4.3 to 35.0 cm / 1.7 to 13.8 in, depending on bar code density
Minimum Resolution	Linear codes at 4 mils; 2D codes at 5 mils
Reading Indicators	Loudspeaker (Polyphonic); buzzer; Datalogic's patented 'Green Spot' technology for visual 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	Datalogic Configuration Utility (DCU) Datalogic Firmware Utility (DFU) Datalogic Joya Touch Staging
Development	SDK Suite available upon request

SYSTEM

Memory	**Joya Touch Basic:** System RAM: 512 MB; System Flash: 512 MB Flash Disk **Joya Touch Plus:** System RAM: 512 MB; System Flash: 1 GB Flash Disk; 4 GB additional Flash on SD card
Microprocessor	XScale™ PXA310 @ 806 MHz; 32 bit
Operating System	Microsoft Windows Embedded Compact 7 Professional

WARRANTY

Warranty	1-Year Factory Warranty

Caution: Laser Radiation - do not stare into beam

ACCESSORIES

Cradles and Holders

91ACC0043 3-Slot Cradle-Wall Mount

91ACC0069 3-Slot Cradle-General Purpose

91ACC0047 Trolley Holder (60 pcs)

Miscellaneous

91ACC0036 Lanyard

91ACC0046 Screen Protectors (5 pcs)