



Datalogic Joya Touch 22 – Self-shopping of the latest generation

- ✓ Simple and reliable barcode scanning with scan trigger directly on the screen
- ✓ 4.3 inch display, optimised for use under artificial light
- ✓ Individual offers and information for personalised shopping experiences
- ✓ Compatible and certified with many leading self-shopping apps
- ✓ Self-shopping of the latest generation

Features

Readable codes: 1D, 2D, Digimarc

Display: 4.3 inch, 854 x 482 px, Gorilla Glass 3

Operating system: Android 11

Processor: Qualcomm SDA660 System-on-Chip 2.2 GHz

Memory: 4 GB RAM, 32 GB flash

Feedback: Loudspeaker, Green Spot

Buttons: home button, pistol grip: additional scanner button

Interfaces: WLAN, Bluetooth, NFC, USB-C

Additional features: microphones, loudspeakers, position and motion sensors

Battery: 3300 mAh, wireless charging, fast charging

Protection: drop-proof up to 1.2 m

Operating temperature: -10 - 50 °C

Dimensions (L x W x H): 145 x 77 x 34 mm

Weight: 285 g

Optional accessories

3-fold docking station wall mounting

1- and 3-way docking station

1-way charging station

Rubber Boot

Belt holster

Shopping trolley holder

Lanyard

WIRELESS COMMUNICATIONS

Local Area Network (WLAN)	IEEE 802.11 a/b/g/n/ac and 802.11 d/e/h/i/k/r/v/w/mc (for indoor localization); IPv4, IPv6 2x2 MU-MIMO for higher throughput and coverage Frequency range: country dependent, typically 2.4 GHz and 5 GHz bands Security standards: WPA/WPA2/WPA3 Personal and Enterprise 802.1x EAP: PEAP/MSCHAPv2, PEAP/GTC, TLS, TTLS/PAP, TTLS/MSCHAP, TTLS/MSCHAPv2, TTLS/GTC, PWD, TLS (WPA3 SuiteB/192-bit)
Personal Area Network (WPAN)	Class 2, Bluetooth V5.1, with BR/EDR and Bluetooth Low Energy (BLE)
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; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code; Dot Code
Postal Codes	Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC)
Stacked Codes	EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites
Digital Watermark Codes	Digimarc Barcode (Red LED illumination model)

ELECTRICAL

Battery	Replaceable battery pack with rechargeable Li-Ion batteries; 3.6 V; 3,300 mAh (12 Watt-hours)
Wireless Charging	Two charging options: Fast charging or Standard charging

ENVIRONMENTAL

Drop Resistance	Withstands repeated drops from 1.2 m / 4.0 ft onto steel or concrete according to IEC 60068-2-32 method 1
Temperature	Operating: -10 to 50 °C / 14 to 122 °F
Tumble Specification	1,000 0.5 m / 1.64 ft tumbles at room temperature according to IEC 60068-2-232 method 2

INTERFACES

Interfaces	USB-C: High Speed USB 2.0 Host and Client
-------------------	---

USER INTERFACES

SoftSpot Technology	Virtual trigger/scan key
Triggers	Pistol-grip (pistol variant only); motion trigger
Vibration	Software programmable

IMAGE CAPTURE

Black and White via Scan Engine	Auto contrast and brightness; Auto noise removal; Exposure and illumination controls
--	--

SENSORS

Accelerometer	3-Axis accelerometer
ToF	Automatic scanning feature 'Presentation mode'
Gyroscope	3-axis gyroscope

PHYSICAL CHARACTERISTICS

Color Customization	Top case and battery cover (both handheld and pistol-grip models) and Scan Trigger (pistol-grip models) are available in various standard or custom colors
Colors (Standard)	Enclosures: Light Grey; Dark Grey and Black; Battery Covers: Blue; Red; Green; Orange; Yellow; Light Grey and Black
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 with air gap
Physical Keys	Handheld: Home/scan fully programmable key Pistol-Grip: Home/scan fully programmable key; Scan Trigger key
Lighting	Software programmable, lights at the bottom of the battery cover
Dimensions	Handheld: 14.5 x 7.7 x 3.4 cm / 5.7 x 3.0 x 1.3 in Pistol-Grip: 14.5 x 7.7 x 11.6 cm / 5.7 x 3.0 x 4.5 in
Weight	Handheld: 285 g / 10.1 oz; Pistol-Grip: 317 g / 11.2 oz

READING PERFORMANCE

Imager Sensor	Imager Sensor
Print Contrast (Minimum)	25%
Field of View	42°H x 32°V
Depth of Field	4.5 to 42.0 cm / 1.7 to 16.5 in on UPC/EAN 13
Resolution (Maximum)	1D Linear: 2.5 mils; Data Matrix: 6 mils; PDF417: 3 mils
Reading Indicators	Loudspeaker (Polyphonic); Datalogic's '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

Applications	Datalogic launcher as lockdown solution; Datalogic Enterprise Browser as lockdown browser supporting Javascript SDK; Others: Datalogic's SoftSpot soft Trigger; WiFi Guard; Datalogic Logger
Provisioning	San2Deploy Studio; Android Zero-Touch; QR Code Enrollment
Configuration and Maintenance	San2Deploy Studio; OEM Config; ProfileManager; Wi-Fi QR Code Generator
Development	Datalogic Android SDK; Xamarin SDK; Ionic Cordova SDK; React Native SDK; Datalogic Enterprise Browser Javascript SDK
MDM	Soti MobiControl; VMware Airwatch; Ivanti Avalanche; 42Gears SureMDM; Microsoft Intune

SYSTEM

Memory	System RAM: 4 GB; System Flash: 32 GB
CPU	Qualcomm® SDA660 System-on-Chip 2.2 GHz
Operating System	Android 11 (Upgradeable to Android 13)

WARRANTY

Warranty	1-Year Factory Warranty
-----------------	-------------------------