HANDSCANNER™

◆DATALOGIC

The smallest and lightest hands-free scanner to empower workforce efficiency

LIGHTEST AND SMALLEST WIRELESS WEARABLE 2D SCANNER

With a weight of only 40 gr /1.4 oz and a minimal footprint of 50 x 45 x 16 mm / 1.97 x 1.77 x 0.63 in, Datalogic's HandScanner enables ergonomic work, providing workers with a comfortable and non-intrusive hands-free solution that facilitates their daily operations and integrates with their natural motions. Compared to traditional hand held scanners, the HandScanner achieves a weight savings of up to 1.5 tons per shift.

SAVE 4 SECONDS PER SCAN; UP TO 33% LESS ERRORS

The HandScanner allows workers to be faster, more efficient and improve the quality of their work. Users can easily pick up, carry, and interact with objects while wearing the HandScanner, avoiding the need to put down and pick up again the scanner, eliminating non-value additional steps. This leads to better scanning accuracy and a drastic reduction in errors.

FULL SHIFT AND FAST RECHARGE

A fully charged HandScanner battery can last almost two working shifts, running up to 15 hours and 10,000 scans. With a 2-slot charging station, the battery can be fully recharged in 2 hours.

BEST PERFORMANCE AND RANGE FOR EVERY APPLICATION

The HandScanner instantly captures 1D/2D bar codes through a megapixel sensor and is available in two models: Standard Range – designed for close range scanning between 10 to 80 cm / 0.39 to 3.15 in used mostly in Manufacturing, Retail and Healthcare applications; or Mid Range – from 30 to 150 cm / 1.18 to 5.9 in which covers a wide variety of uses in Warehouses, Plant floors, Docks, and Stock yards.

FLEXIBLE AND VERSATILE SOLUTION

The HandScanner can be paired with Datalogic's mobile computers to provide workers with a full data collection solution suitable for any application. With LED indicators, acoustic and haptic feedbacks, the HandScanner can work in any kind of environment. The Hand trigger can be used with or without gloves and is available in different sizes, right or left hand, with an optimum fit due to the variable velcro fastener.

FEATURES

- Light, small and thin with a weight of 40 gr / 1.4 oz and a footprint of 50 x 45 x 16 mm / 1.97 x 1.77 x 0.63 in
- Megapixel Optical resolution: 1280 x 960 pixels
- Comfortable hand trigger available in 3 different sizes with right / left hand options, optimum fit with variable Velcro fastener
- High transmit speeds with Bluetooth® Low Energy 4.0, 4.1, 4.2, 5.0 technology
- Up to 10,000 scans and 15 hours run time on a single charge
- Fast full recharge in only 2 hours
- Feedback for all environments: LED indicators, acoustic and haptic feedbacks
- Maximize efficiency with the intuitive bundle from Datalogic's mobile computers
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY – APPLICATION

- **Transportation & Logistics** ~ Picking, packing, receiving, sorting, shipping; Track & tracing, Delivery/Proof of Delivery
- **Manufacturing** ~ Parts and assembly's traceability, Sequencing stations, Inventory management, replenishment, sorting, finished goods verification
- **Retail** ~ Front-end: Click and collect, in-store inventory, price checking; Back Office: Receiving, Inventory management; Warehouse: Picking, Shipping & Receiving
- **Healthcare** ~ Pharmaceutical and Laboratory warehouse picking and inventory, sample/blood bag tracking

HANDSCANNER™
TECHNICAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Dimensions	50 x 45 x 16 mm / 1.9 x 1.7 x 0.6 in
Weight	40 g / 1.4 oz

WIRELESS COMMUNICATIONS

Bluetooth Wireless Technology	Supports Bluetooth Low Energy 4.0, 4.1, 4.2, 5.0 Transmission Range: Free field: 40 m / 131 ft**; Indoor: 10-20 m (33-66 ft)** Gateway: Free field: 70 m (230 ft)**; Indoor: 30-40 m (100-130 ft)** **May decrease in industrial environments due to walls, metal shelving, machines, etc.

DECODING CAPABILITY

1D / Linear Codes	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D Codes	PDF417, MicroPDF417, Data Matrix, QR Code, Micro QR Code, Aztec, MaxiCode
Postal Codes	US PostNet, US Planet, UK Postal, Australia Postal, Japan Postal, Dutch Postal (KIX)

ELECTRICAL

Battery	670 mAh, Lithium polymer (rechargeable)
Charging Time	2 hours with Datalogic Charging Station
Operating Time / Scans	Up to 10,000 scans depending on the application and environmental conditions
Power Supply Charging Station	5 VDC (1.2A) via power supply

ENVIRONMENTAL

Drop Resistance	Resists multiple drops from 2 m / 6.5 ft onto concrete
Tumbles	2,000 at 0.5 m / 1.6 ft
Impact Resistance	IEC60068-2-75, IK06(1J)
Particulate and Water Sealing	Resistant to dust and water
Temperature	Operating Temperature: 0 to 50 °C / 32 to 122 °F Charging Temperature: 5 to 40 °C / 41 to 104 °F Storage Temperature: -20 to 60 °C / -4 to 140 °F

INTERFACES

Interfaces	Bluetooth: HID Profiles Android: HID, App/SDK IOS: HID, iOS SDK USB: Datalogic Gateway, USB HID (keyboard input on host), USB CDC (virtual com port)

READING PERFORMANCE

Optical Resolution	1280 x 960 pixels
Reading Field of View	Standard range: Horizontal: 48°, Vertical: 36.7° Mid range: horizontal: 31°, vertical 23°
Reading Angle	Pitch: +/- 60°; Roll (Tilt): 360°; Skew (Yaw): +/- 60°
Ambient Light	0 - 96,900 lux
Aimer	650 nm, 1 mW

READING RANGE

Scan Range	Minimum distance determined by symbol length, scan-angle and environmental conditions. The smallest symbol in the barcode (the mil-inch (mm) number indicates the size of the smallest function in the barcode); Possible distance between user and bar code
Standard Range	Code 39: 3 mil: 7.1 to 15.8 cm / 2.8 to 6.2 in Code 128: 5 mil: 5.8 to 22.1 cm / 2.3 to 8.7 in PDF417: 5 mil: 7.6 to 20.6 cm / 3.0 to 8.1 in DataMatrix: 10 mil: 6.1 to 26.9 cm / 2.4 to 10.6 in 100% UPCA: 4.1 to 58.4 cm / 1.6 to 23.0 in Code 39: 20 mil: 4.1 to 92.2 cm / 1.6 to 36.3 in
Mid Range	Code 128: 0.127 mm / 5 mil: 18.8 to 40.6 cm / 7.4 to 16.0 in PDF417: 0.127 mm / 5 mil: 20.6 to 33.3 cm / 8.1 to 13.1 in DataMatrix: 0.254 mm / 10 mil: 17.8 to 43.2 cm / 7.0 to 17.0 in 100% UPCA: 5.8 to 96.5 cm / 2.3 to 38.0 in Code 39: 0.508 mm / 20 mil: 5.3 to 137.2 cm / 2.1 to 54.0 in Code 39: 2.54 mm / 100 mil: 27.9 to 436.9 cm /11.0 to 172.0 in

UTILITIES AND ACCESSORIES

Configuration Tools and Device Management	Use for barcode, interface, device and profile configuration, device management, etc.
Gateway Integration	Datalogic Gateway: Hardware connector to enable the full capabilities of the scanner via USB-Interface.
Android™ Integration	Mobile app: Provides a full featured integration for Android enterprise applications.
Trigger	Scanner can be triggered only with Datalogic Hand Trigger. Available in sizes S, M, L. Version for right-handed and left-handed users.
Recommended Pair Devices	Datalogic Memor™ 1, Memor™ 10, Memor™ 20, Skorpio™/Falcon™ (Android), Taskbook, Rhino II™ - see manual for details on interfaces

SAFETY & REGULATORY

Agency Approvals	Compliant to EU and NA applicable standards.
Environmental Compliance	Complies to EU RoHS and REACH regulation.

WARRANTY

Warranty	1-Year Factory Warranty

ACCESSORIES

Chargers

Double Slot Charging Station

Miscellaneous

Hand Trigger (10/pack)

BLE Gateway