



## Datalogic CODiScan – Ergonomischer, modularer Wearable-Scanner

-  **Klein und leicht für optimale Ergonomie**  
Der CODiScan wird am Handrücken getragen und eliminiert das zeitaufwändige Aufnehmen und Ablegen eines Scanners. Dadurch reduziert er die Hebelbelastung für die Nutzer und spart bis zu 1,5 Tonnen Hebearbeit pro Schicht.
-  **Flexible Befestigung (Handrücken-Manschette, Lanyard, Reel)**  
Der Scanner kann in der Hand gehalten, um den Hals getragen oder am Gürtel befestigt werden. Der Handauslöser ist modular und anpassbar, geeignet für rechte oder linke Hand.
-  **Bis zu 1,5 m Scan-Reichweite mit intelligentem Zielsystem**  
Der CODiScan bietet ein intelligentes Zielsystem, LED-Feedback und den exklusiven Datalogic Green Spot für sofortiges visuelles Feedback. Das Mid-Range-Modell scannt Barcodes aus bis zu 1,5 Metern Entfernung, während das Standardmodell für die unmittelbare Naherfassung optimiert ist.
-  **Akku für bis zu 2 Arbeitsschichten**  
Mit nur zwei Stunden Ladezeit ermöglicht der Akku des CODiScan bis zu 16 Stunden Betrieb – ideal für lange Schichten ohne Ladeunterbrechung.
-  **Nahtlose Integration über Datalogic Aladdin™ Software-Suite**  
Die Aladdin™ Software-Suite erleichtert die Kopplung des CODiScan mit Android™-Mobilcomputern. Funktionen wie Pairing, Firmware-Updates und die Anpassung von Einstellungen machen die Integration in bestehende Systeme besonders einfach.

## Eigenschaften

**Lesbare Codes:** 1D, 2D, Post, High Density

**Leseabstand:** bis 80 cm / 1,5 m (Mid Range Modell)

**Feedback:** Datalogic Green Spot, LEDs, Beeper, Vibration

**Konnektivität:** Bluetooth, über Gateway: WLAN, USB

**Akku:** 12.000 Scans / 16 h

**Schutz:** IP54, bis 1,8 m sturzsicher

**Betriebstemperatur:** -20 bis +50 °C

**Abmessungen:** 53 x 44 x 19 mm

**Gewicht:** 44 g

## Optionales Zubehör

**Handrücken-Manschette**

**Lanyard**

**Reel**

**Ladekabel**

**2-fach Ladestation, modular erweiterbar**

**12-fach Ladestation**

## PHYSICAL CHARACTERISTICS

<b>Dimensions</b>	53 x 44 x 19 mm / 2.0 x 1.7 x 0.7 in
<b>Weight</b>	44 g / 1.5 oz

## READING PERFORMANCE

<b>Optical Resolution</b>	1280 x 960 pixels
<b>Reading Field of View</b>	Standard range: Horizontal: 42°, Vertical: 32° Mid range: Horizontal: 30°, Vertical: 23° High density short-range: Horizontal: 42°, Vertical: 32°
<b>Reading Angle</b>	Skew tolerance: ±60°; Pitch tolerance: ±60°; Roll tolerance: ±180°
<b>Ambient Light</b>	0 - 100,000 lux
<b>Aimer</b>	650 nm, 1 mW

## FEEDBACK

<b>Green Spot</b>	Datalogic's 'Green Spot' on the code for good-read feedback
<b>LEDs</b>	3 LEDs: 2 Lateral blades, rear LED spot with separate on/off - good-read, battery status, Bluetooth pairing
<b>Audio</b>	85 dbA - adjustable
<b>Haptic</b>	Vibration feedback option available for quiet places

## WIRELESS COMMUNICATIONS

<b>Bluetooth Wireless Technology</b>	BT BLE/CLASSIC 5.2 class 1,2,3 Supports Bluetooth Low Energy 4.0, 4.1, 4.2, 5.0, 5.1, 5.2
<b>Transmission Range</b>	Transmission Range: 100 m / 328 ft to host (with Gateway connect depending on Host)
<b>Wi-Fi (via Gateway)</b>	<ul style="list-style-type: none"> <li>• IEEE 802.11b/g/n, 1x1, 20 MHz channel bandwidth, 2.4 GHz</li> <li>• Wi-Fi security: WPA2/WPA3 Personal; WPA2 Enterprise PEAP, TLS, TTLS</li> <li>• MQTT client protocol v. 3.1, v. 3.1.1</li> <li>• WebSocket client</li> </ul>

## DECODING CAPABILITY

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

## ELECTRICAL

<b>Battery</b>	640 mAh, Lithium polymer (rechargeable)
<b>Charging Time</b>	2.15 hours with Datalogic Charging Station
<b>Operating Time / Scans</b>	16 hours (1 scan every 5 secs) / 12,000 scans depending on settings and environmental conditions
<b>Power Supply Charging Station</b>	5 VDC (1.2A) via power supply

## ENVIRONMENTAL

<b>Drop Resistance</b>	Resists multiple drops from 1.8 m / 5.9 ft onto concrete - IEC 60068-2-31:2008 - 1
<b>Tumbles</b>	2,000 at 0.5 m / 1.6 ft - IEC 60068-2-31:2008 - 2
<b>Impact Resistance</b>	>IK06(1J) - IEC60068-2-75
<b>Particulate and Water Sealing</b>	IP54 - EN 60529
<b>Temperature</b>	Operating: -20 to 50 °C / -4 to 122 °F Charging: 0 to 40 °C / 32 to 104 °F Storage: -20 to 60 °C / -4 to 140 °F

## READING RANGE

<b>Scan Range</b>	Minimum distance determined by symbol length, scan-angle and environmental conditions.
<b>Standard Range (SR)</b>	The smallest symbol in the barcode (the mil-inch [mm] number indicates the size of the smallest function in the barcode). Code 39 - 3 mil: 13 to 22 cm / 5.1 to 8.6 in Code 128 - 5 mil: 10 to 30 cm / 3.9 to 11.8 in PDF417 - 5 mil: 12 to 19 cm / 4.7 to 7.5 in DataMatrix - 10 mil: 10 to 28 cm / 3.9 to 11.0 in EAN/UPCA - 13 mils: 4.5 to 74 cm / 1.7 to 29.1 in QR Code - 15 mils: 4 to 37 cm / 1.5 to 14.5 in Code 39 - 20 mil: 40 to 110 cm / 15.7 to 43.3 in
<b>Mid Range (MR)</b>	Code 128 - 5 mil: 21 to 52 cm / 8.2 to 20.4 in PDF417 - 5 mil: 22 to 30 cm / 8.6 to 11.8 in DataMatrix: 10 mil: 20 to 45 cm / 7.8 to 17.7 in UPCA - 13 mil: 8 to 100 cm / 3.1 to 39.3 in Code 39 - 20 mil: up to 160 cm / up to 62.9 Code 39 - 100 mil: up to 500 cm / up to 196.8
<b>High Density - Short Range (RT)</b>	Code 39 3 mil: 6.5 to 20 cm / 2.5 to 7.8 in Code 39 5 mil: 3.5 cm to 29 cm / 1.3 to 11.4 in EAN 13 13 mil: 4.5 to 42 cm / 1.7 to 16.5 in Data Matrix 10 mil: 7.5 to 26 cm / 2.9 to 9 in Code 39 20 mil: up to 60 cm / up to 23.6 in

## UTILITIES AND ACCESSORIES

<b>Configuration Tools and Device Management</b>	Use Aladdin web page or stand-alone software for barcode, interface, device and profile configuration, device management et al. <a href="https://aladdin.datalogic.com/">https://aladdin.datalogic.com/</a>
<b>Gateway Integration</b>	Datalogic Gateway: Hardware connector to enable the full capabilities of the scanner via USB-Interface. 1 gateway can manage the connectivity of up to 7 CODiScan.
<b>Android Integration</b>	Mobile Aladdin app and SDK available: Provide a full featured integration for Android enterprise applications. App pre-installed on Datalogic Memor family; App available on: <a href="https://datalogic.github.io/aladdin/overview/">https://datalogic.github.io/aladdin/overview/</a>
<b>Trigger</b>	Scanner can be triggered only with: - Device multifunctional key (see portable configuration using lanyard) - Datalogic Hand-Trigger - 5 million hits trigger (sold separately) Smart aiming technology: to facilitate scanning the right barcode
<b>Recommended Pair Devices</b>	Datalogic Memor™ PDA 11/12/30/35, see manual for details on interfaces.

## SAFETY & REGULATORY

<b>Agency Approvals</b>	The product meets necessary safety and regulatory approvals for its intended use. The Regulatory addendum for this product can be referred to for a complete list of certifications.
<b>Environmental Compliance</b>	Complies to China RoHS, EU RoHS and R.E.A.C.H.

## RECOMMENDED SERVICES

<b>Datalogic's EASEOFCARE</b>	CODiScan comes with a wide and complete range of post-sales services to guarantee the most appropriate professional assistance based on the needed level of service.
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## WARRANTY AND EASEOFCARE PROGRAM

<b>Warranty</b>	1-Year Factory Warranty (covers the battery). EASEOFCARE: 3 or 5 year options (covers battery). Warranty and EASEOFCARE are also available for accessories, chargers and Gateway.
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