Datalogic CODiScan

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 Hebebelastung 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.

Datalogic CODiScan

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

Datalogic CODiScan

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YOUR DIGITAL ENABLING SPECIALIST.

PHYSICAL CHARACTERISTICS	
Dimensions	53 x 44 x 19 mm / 2.0 x 1.7 x 0.7 in
Weight	44 g / 1.5 oz

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

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

WIRELESS COMMUNICATIONS	
Bluetooth Wireless Technology	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
Transmission Range	Transmission Range: 100 m / 328 ft to host (with Gateway connect depending on Host)
Wi-Fi (via Gateway)	• IEEE 802.11b/g/n, 1×1, 20 MHz channel bandwidth, 2.4 GHz • Wi-Fi security: WPA2/WPA3 Personal; WPA2 Enterprise PEAP, TLS, TTLS • MQTT client protocol v. 3.1, v. 3.1.1 • WebSocket client

DECODING CAPABILITY	
1D / Linear Codes	Auto decodes 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	640 mAh, Lithium polymer (rechargeable)
Charging Time	2.15 hours with Datalogic Charging Station
Operating Time / Scans	16 hours (1 scan every 5 secs) / 12,000 scans depending on settings and environmental conditions
Power Supply Charging Station	5 VDC (1.2A) via power supply

ENVIRONMENTAL	
Drop Resistance	Resists multiple drops from 1.8 m / 5.9 ft onto concrete - IEC 60068-2-31:2008 – 1
Tumbles	2,000 at 0.5 m / 1.6 ft - IEC 60068-2-31:2008 – 2
Impact Resistance	>IK06(1J) - IEC60068-2-75
Particulate and Water Sealing	IP54 - EN 60529
Temperature	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	
Scan Range	Minimum distance determined by symbol length, scan-angle and environmental conditions.
Standard Range (SR)	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
Mid Range (MR)	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
High Density - Short Range (RT)	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	
Configuration Tools and Device Management	Use Aladdin web page or stand-alone software for barcode, interface, device and profile configuration, device management et al. https://aladdin.datalogic.com/
Gateway Integration	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.
Android Integration	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: https://datalogic.github.io/aladdin/overview/
Trigger	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
Recommended Pair Devices	Datalogic Memor™ PDA 11/12/30/35, see manual for details on interfaces.

SAFETY & REGULATORY	
Agency Approvals	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.
Environmental Compliance	Complies to China RoHS, EU RoHS and R.E.A.C.H.

RECOMMENDED SERVICES	
Datalogic's EASEOFCARE	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.

WARRANTY AND EASEOFCARE PROGRAM	
Warranty	1-Year Factory Warranty (covers the battery). EASEOFCARE: 3 or 5 year options (covers battery). Warranty and EASOFCARE are also available for accessories, chargers and Gateway.