Datalogic CODiScan

Datalogic CODiScan - Ergonomic, modular wearable scanner

✓ Small and lightweight for optimum ergonomics

✓ Flexible attachment (back of hand cuff, lanyard, reel)

✓ Up to 1.5 m scanning range with intelligent targeting system

✓ Battery for up to 2 work shifts

✓ Modular design for easy cleaning

Datalogic CODiScan

Features

Readable codes: 1D, 2D, Post

Reading distance: up to 80 cm / 1.5 m (Mid Range model)

Feedback: Datalogic Green Spot, LEDs, Beeper, Vibration

Connectivity: Bluetooth, via gateway: WLAN, USB

Battery: 12,000 scans / 16 h

Protection: IP54, fall-proof up to 1.8 m

Operating temperature: -20 - 50 °C

Dimensions: 53 x 44 x 19 mm

Weight: 44 g

Optional accessories

Hand Trigger

Lanyard

Reel

Charging cable

2-fold charging station, modularly expandable

12-way charging station

Datalogic CODiScan

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°
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	1,000 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	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	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

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.
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: Provides a full featured integration for Android enterprise applications. App pre-installed on Memor 11; App available on Scan to Deploy.
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™ 10/11, Skorpio™ X5, Rhino II™ - 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.