_NETSelekt.pl

CODiScan™ Bluetooth® wearable scanner

Handle more with CODiScan







SLIM, LIGHT, PORTABLE: UNFOLD MASSIVE PRODUCTIVITY

With a minimal footprint and a lightweight feel, the new CODiScan enables a comfortable and non-intrusive hands-free solution that allows workers to be faster improving the quality of their work. Compared to traditional handheld readers, CODiScan achieves a weight savings of up to 1.5 tons per shift and avoids the need to set down and pick up the scanner, eliminates non value-added steps, providing higher scanning accuracy and a drastic error reduction, saving 4 seconds per scan with up to 33% less errors.

CUTTING-EDGE INNOVATION TO ASSIST YOUR WORKER

CODiScan provides a smart aiming system that helps to identify the framed barcode before scanning it. A complete set of good-read feedback helps the worker speed up operations:

- High visible LEDs on the device (2 lateral blades and a rear spot) enhance feedback visibility from every angle.
- Datalogic's Green Spot allows the user to see the feedback directly on the scanned item, saving time and improving accuracy.
- Vibration and audio complete an advanced set of feedback notices.

NO DOWNTIMES TO REACH YOUR TARGETS

CODiScan runs up to 16 hours and 12,000 scans with a single 2 hour charge using different charger options (1-slot, 2-slot modular up to 6 slots, 12-slots). CODiScan instantly captures 1D/2D barcodes and images. A multi-functional key allows workers to use the same device in different mounting options and easily check the battery status, connectivity, and other custom functions. CODiScan can be held in multiple ways: on the hand, neck or belt. The hand trigger is a 'one size fits all' adjustable solution and is available for the right or left hand. It's modular, meaning the electronic side can be separated by the fabric, which is washable, or can be changed reusing the trigger system.

EASY TO USE, EASY TO CONFIG, EASY TO DISPOSE

CODiScan comes with the Datalogic Aladdin™ software suite and can be paired to any Android™ mobile computer through the Aladdin App, allowing easy pairing, firmware updates, main parameters and symbology settings. CODiScan can also streamline working flows of a fixed station using the gateway connected to a PC or via Wi-Fi to the cloud. The Aladdin web page and Aladdin stand-alone offer a full-set configuration by barcode generation or file transfer. Warranty and EASEOFCARE post sales service guarantee change and correct disposal of exhausted product batteries.

HIGHLIGHTS

- Higher ergonomics and flexibility: minimal footprint, only 44 grams in weight, multiple mounting options (hand, neck/belt/pocket)
- Higher scanning performance and productivity: 1D/2D reading capabilities up to 1.5 m / 4.9 ft, intelligent aiming system, good-read confirmation on label, lateral and rear high-visible LEDs, audio and haptic feedback, 2 working shift operations
- Easier to use and manage: mobile app for pairing and settings, hand-trigger modularity for easy washing and disposal, expandable 2-slot charger

INDUSTRY - APPLICATION

- **Transportation & Logistics** ~ Warehouse management: Picking, packing, sorting, put away, shipping/receiving
- **Retail** ~ Click and collect, order fulfillment, receiving, back of store warehouse management
- **Manufacturing** ~ Parts and assembly's traceability, finished goods verification, inventory management

TECHNICAL SPECIFICATIONS

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

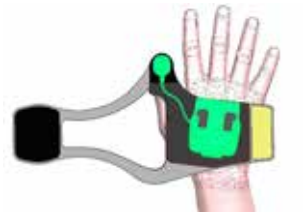
Warranty	1-Year Factory Warranty (covers the battery). EASEOFCARE: 3 or 5 year options (covers battery). Warranty and EASOFCARE are also available for accessories, chargers and Gateway.

ACCESSORIES

MOUNTINGS - HAND TRIGGER

Adjustable multi-size – 2 part-numbers: right and left

- Easy to share within employees
- Less part numbers to manage





ADJUSTABLE TRIGGER

- Can be shifted to find the best position for the user

ADJUSTABLE STRAPS - SIZE

- Useful to adjust size and preferred ergonomics
- Allows the use of the hand-trigger on a bare hand or over a working glove
- Straps are separable from the rest of the fabric and are provided as spares

ELECTRONICS SYSTEM - FULLY REMOVABLE FROM FABRIC

- Wash 30° C the fabric
- Reuse the electronics and change the fabric
- Dispose properly (sustainability)

CLOSING STRAP – WEAR/REMOVE

- Useful to easily wear/remove the hand-trigger after the first size adjustment has been made

USER ID

- Free space to write the name/ID of the user or other custom data







(*) Spares available for electronics, fabric and straps

MOUNTINGS - EXTENSIBLE LANYARD FOR NECK, BELT AND POCKET

NECK



BELT / POCKET



CHARGING SYSTEMS

CHARGERS - 1X

1 slot



CHARGERS - 2X

2 slots up to 6 slots: 1-piece modular 2 slot-charger – up to 6 slots using same power supply



MODULE FEATURES

- 2-slots
- LED for power ON
- Holes to fix with screws
- Bi-adhesive and feet
- Can be mounted vertically (locking/release mechanism)



MODULARITY SYSTEM

- Buying same part number allows to cover up to 6 slots either at first purchase or afterwards
- No tools are needed – a hooking tooth in the upper part and a slide in the lower part joins the modules
- Less part numbers to manage

CHARGERS - 12X

1 piece charger - 12 slots

MODULE FEATURES

- 12-slots
- LED for power ON
- Holes to fix with screws
- Bi-adhesive and feet
- Metal plate for fixing
- Can be mounted vertically (locking/release mechanism)



CONNECTIVITY

GATEWAY

- Needed to connect up to **7 Bluetooth Devices** to send data to:
- a **fixed pc or vehicle computer via USB**
- the cloud **via Wi-Fi powered by wall mount socket**

MAIN FEATURES

- 3 LEDs to manage connectivity and data flow
- Holes to fix with screws or with a cable tie (forklift)
- Velcro bi-adhesive
- Unique pairing barcode



MOBILE ALADDIN APP

- Best way to connect the device via Bluetooth to an Android mobile computer
- It will be preinstalled on Memor 11, available on Scan to Deploy

MAIN FEATURES

- Makes it easier to pair device and mobile (demo and real usage)
- Configuration basic settings on board (symbologies, beeper, etc)
- Easier to integrate with third parties' apps
- Firmware update management
- Start point to manage data analytics



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