ProGlove Mark 3

barcotec
YOUR DIGITAL ENABLING SPECIALIST.

ProGlove Mark 3 – Handschuh-Scanner mit 6 m Reichweite

Barcodes scannen von 10 cm bis 6 m
Diese Flexibilität ist ideal für verschiedene Anwendungen, von der Naherfassung kleiner Artikel bis hin zum Scannen von Barcodes in größerer Entfernung, beispielsweise in Lagerumgebungen.

12.000 Scans mit einer Akkuladung
Mit einer einzigen Akkuladung sind bis zu 12.000 Scans möglich. Dies gewährleistet einen unterbrechungsfreien Betrieb über den gesamten Arbeitstag hinweg, ohne dass ein Batteriewechsel erforderlich ist.

Ausgesprochen robust: IP65 und bis 2 m sturzsicher
Der Scanner ist nach IP65 gegen Staub und Wasser geschützt und übersteht Stürze aus bis zu 2 Metern Höhe. Diese Robustheit macht ihn ideal für den Einsatz in anspruchsvollen Industrieumgebungen.

Kompatibel mit Android, iOS und Windows
Der ProGlove Mark 3 ist mit Android, iOS und Windows kompatibel und lässt sich problemlos in bestehende ERP- und WMS-Systeme integrieren. Diese Vielseitigkeit ermöglicht eine schnelle Implementierung in verschiedene Arbeitsumgebungen, ohne dass umfangreiche Anpassungen nötig sind.

Ergonomische Handschlaufe
Der Scanner wird mit einer ergonomischen Handschlaufe geliefert, die einen sicheren und bequemen Sitz am Handrücken bietet. Dies erleichtert das freihändige Arbeiten und steigert die Effizienz.

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Eigenschaften

Lesbare Codes: 1D, 2D, Post

Leseabstand: 5 – 600 cm

Akku: ca. 12.000 Scans

Kompatible Betriebssysteme: Android, iOS, Windows

Konnektivität: Bluetooth Low Energy 5.0, max. Reichweite 10 - 40 m

Schutz: IP65, bis 2 m sturzsicher

Betriebstemperatur: -20 – 50 °C

Abmessungen (B x L x H): 50 x 45 x 17 mm

Gewicht: 39 g

Optionales Zubehör

Handschlaufe

2-fach Ladestation

10-fach Ladestation

BLE-Gateway

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WIRELESS COMMUNICATION

BLUETOOTH RADIO	Supports Bluetooth Low Energy 4.0, 4.1, 4.2, 5.0	
FREQUENCY RANGE	Frequency band used BLE: 2400-2483.5 MHz	
MAX RADIO-FREQU. POWER TRANSMITTED	< 20dBm	
TRANSMISSION RANGE	**3rd party device** Free field: 40 m (131 ft)** Indoor: 10-20 m (33-66 ft)**	**ProGlove Gateway** Free field: 70 m (230 ft)** Indoor: 30-40 m (100-130 ft)**
	**may decrease in industrial environments (e.g. due to walls, metal shelving, machines)	

BARCODE DECODING CAPABILITIES

1D	Auto decodes all standard 1D codes including GS1 DataBar linear codes et al.
2D	PDF417, MicroPDF417, Data matrix, QR Code, Micro QR Code, Aztec, MaxiCode, et al.
POSTAL	US PostNet, US Planet, UK Postal, Australia Postal, Japan Postal, Dutch Postal (KIX) et Al.

ELECTRICAL PROPERTIES

BATTERY	670 mAh, Lithium polymer (rechargeable)
CHARGING TIME	2 hours with ProGlove Charging Station
OPERATING TIME / SCANS	approx. 12000 scans depending on the application and environmental conditions

MECHANICAL PROPERTIES

DIMENSIONS	50 x 45 x 17 mm (1.47 x 1.77 x 0.67 in)
WEIGHT	39 g (1.38 oz)

ENVIRONMENTAL CONDITIONS

DROP RESISTANCE	Resists several drops from 2 m (6.5 ft) onto concrete
TUMBLES	2000 tumbles from 0.5 m
PROTECTION AGAINST DUST AND WATER	IP 65
TEMPERATURE	Operating Temperature: -20°C - 50°C (-4°F – 122°F) Charging Temperature: 5°C - 40°C (41°F – 104°F) Storage Temperature: -20°C - 60°C (-4°F – 140°F)
HUMIDITY	5% - 95% non condensing
ELECTROSTATIC DISCHARGE (ESD)	±8kVdc air discharge ±4kVdc contact discharge

INTERFACES

BLUETOOTH	HID Profiles
ANDROID	HID, Insight Mobile (Android) (App/SDK)
IOS	HID, Insight Mobile (iOS) (SDK)
USB	ProGlove Gateway

SCANNER PROPERTIES

RESOLUTION	2688 x 1520
READING FIELD OF VIEW	Horizontal: 37°, vertical: 21°
SKEW, PITCH & ROLL	Skew tolerance: ±60° Pitch tolerance: ±60° Roll tolerance: 360°
AMBIENT LIGHT	0 – 107,639 lux
AIMER	Green Laser 520nm

UTILITIES & ACCESSORIES*

CONFIGURATION & DEVICE MANAGEMENT	https://insight.proglove.com
DIGITAL DOCUMENTATION	https://docs.proglove.com
ANDROID INTEGRATION	Insight Mobile: Provides a full featured integration for Android enterprise applications.
GATEWAY INTEGRATION	ProGlove Gateway: Hardware connector to enable the full capabilities of the ProGlove Ecosystem via USB-Interface.
TRIGGER	Scanner can be triggered only with ProGlove wearables (Hand Strap, Index-Trigger, Reel et al.)

*More Information on www.proglove.com

SCAN RANGES

Minimum distance determined by symbol length, scan-angle and environmental conditions (e.g. lightning, printing quality, contrast et al.).

MULTI RANGE

3 mil Code 39	Near Distance: 2.7 in./6.9 cm; Far Distance: 16.2 in./41.1 cm
5 mil Code 39	Near Distance: 2.5 in./6.4 cm; Far Distance: 26.6 in./67.6 cm
5 mil PDF417	Near Distance: 2.8 in./7.1 cm; Far Distance: 19.6 in./49.8 cm
6.7 mil PDF417	Near Distance: 2.6 in./6.6 cm; Far Distance: 25.6 in./65.0 cm
10 mil DataMatix	Near Distance: 2.2 in./5.6 cm; Far Distance: 27.1 in./68.8 cm
100% UPCA (13 mil)	Near Distance: 2.5 in./6.4 cm; Far Distance: 71 in./180 cm
15 mil Code 128	Near Distance: 7.2 in./18.2 cm; Far Distance: 72 in./182.9 cm
20 mil Code 39	Far Distance: 109 in./276.9 cm
55 mil Code 39	Far Distance: 293 in./744.2 cm
100 mil Code 39	Far Distance: 554 in./1407.2 cm
100 mil DataMatrix	Far Distance: 270 in./685.8 cm

WARRANTY & SLA

WARRANTY	12 months factory warranty
PROGLOVE CARE	36 and 60 months maintenance contracts available. For more information please contact your ProGlove representative or visit https://proglove.com

SAFETY & REGULATORY

RADIO AND ELECTROMAGNETIC COMPATIBILITY	EU: 2014/53/EU Radio Equipment Directive (RED) FCC ID: 2AOJL- MARK-3 IC: 23450-MARK3
ELECTRICAL SAFETY	EU: acc. to 2014/53/EU Radio Equipment Directive (RED) EN 62368-1:2014 + A11:2017 INTERNATIONAL: IEC 62368-1:2014 US: UL 62368-1 and CAN/CSA C22.2 No. 62368-1
LASER CLASSIFICATION	Multi range: According to EN 60825-1: 2014 and IEC 60825-1 (Ed. 3.0) Laser class 2 device. Caution Laser Radiation - Do not stare into beam.
ENVIRONMENTAL	RoHS Directive 2011/65/EU; Amendment 2015/863, REACH SVHC 1907/2006, WEEE

COUNTRY CERTIFICATION

Regulatory markings are affixed to the device, indicating that the radio modules are approved for use in the following regions: European Economic Area*, Canada, United States of America, United Mexican States, China.

Detailed information on the regulatory markings can be found in the Declaration of Conformity (DoC) at www.proglove.com

*CE is valid in the European Economic Area and additional countries: Austria, Belgium, Bulgaria, Croatia, Republic of Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom, Iceland, Liechtenstein, Switzerland and Norway.