

MARK BASIC

Der ProGlove MARK Basic aus dem Hause Workaround GmbH ist ein kleiner, kompakter und leichtgewichtiger Scanner im Midrangebereich von 30 bis 150cm. Er wiegt gerade einmal 40 Gramm und mit einer Größe von 50x45x16mm zeichnet er sich perfekt für den Freihand-Einsatz aus. Trotzdem lässt sich die Scangeschwindigkeit mit 0.5 Sekunden – quasi einem Fingerschnipp – sehen. Der Nutzer wählt, ob er ein optisches, akustische oder haptische Feedback beim Scannen erhalten möchte. Individuell anpassbares, gut durchdachtes Zubehör sowohl für Rechts- also auch Linkshänder führen zu einer hohen Nutzerakzeptanz und steigern ganz nebenei die Effizienz. Dank Bluetooth Low Energy lässt sich der MARK Basic mit anderen Geräten schnell und einfach verbinden. Die Akkulaufzeit muss sich ebenfalls nicht verstecken. Der ProGlove MARK Basic schafft bis zu 5.000 Scans mit einer Akkuladung. Und der Akku selbst lädt innerhalb von 2 Stunden!

beic Ident GmbH
Hildesheimer Str. 19 b
38271 Baddeckenstedt
Tel.: +49 5062 96599 0
info@beic-ident.de
www.beic-ident.de

beic

WIR BRINGEN LÖSUNGEN AUF DEN PUNKT

barcoding ■
engineering ■
identification ●
consulting ■

Technical Specification

ProGlove MARK Basic (mid range)

WIRELESS COMMUNICATION

BLUETOOTH LOW ENERGY

BLUETOOTH RADIO	Supports Bluetooth Low Energy 4.0, 4.1, 4.2, 5.0	
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	335 mAh, Lithium polymer (rechargeable)
CHARGING TIME	2 hours with ProGlove Charging Station
OPERATING TIME / SCANS	Approx. 5000 scans depending on the application and environmental conditions

MECHANICAL PROPERTIES

DIMENSIONS	50 x 45 x 16 mm (1.47 x 1.77 x 0.63 in)
WEIGHT	40 g (1.41 oz)

ENVIRONMENTAL CONDITIONS

DROP RESISTANCE	Resists 50 drops from 2 m (6.5 ft) onto concrete
PROTECTION AGAINST DUST AND WATER	IP43
TEMPERATURE	Operating Temperature: 0°C - 50°C (32°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 (App/SDK)
IOS	HID, ProGlove iOS SDK
USB	ProGlove Gateway

SCANNER PROPERTIES

READING FIELD OF VIEW	Mid Range: horizontal: 31°, vertical 23°
SKEW, PITCH & ROLL	Skew tolerance: ±60° Pitch tolerance: ±60° Roll tolerance: 360°
AMBIENT LIGHT	0 - 96,900 lux
AIMER	650 nm, 1 mW

SCAN RANGES

Minimum distance determined by symbol length, scan-angle and environmental conditions.

MID RANGE

5 mil (0.127 mm) code 128	7.4 in./18.8 cm to 16.0 in./40.6 cm
5 mil (0.127 mm) PDF417	8.1 in./20.6 cm to 13.1 in./33.3 cm
10 mil (0.254 mm) DataMatrix Example: A 10 mil DataMatrix symbol, which can carry 25 alphanumeric characters, has a size of 4.57 mm * 4.57 mm	7.0 in./17.8 cm to 17.0 in./43.2 cm
100% UPCA	2.3 in./5.8 cm to 38.0 in./96.5 cm
20 mil (0.508 mm) code 39	2.1 in./5.3 cm to 54.0 in./137.2 cm
100 mil (2.54 mm) code 39	11.0 in./ 27.9 cm to 172.0 in./ 436.9 cm

UTILITIES & ACCESSORIES*

CONFIGURATION & DEVICE MANAGEMENT	https://insight.proglove.com
DEVELOPER DOCUMENTATION	https://developers.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 (REEL, Index-Trigger et al.)

*More information on www.proglove.com

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: 2A0JL-MARK-2 IC: 23450-MARK2
ELECTRICAL SAFETY	EU: acc. to 2014/53/EU Radio Equipment Directive (RED) EN 60950-1: 2006 / A11: 2009 / A1: 2010 / A12: 2011 / A2: 2013 INTERNATIONAL: IEC 60950-1:2005/AMD1:2009, IEC 60950-1:2005/AMD2:2013, IEC 60950-1:2005 US: UL 60950-1 and CAN/CSA C22.2 No. 60950-1-07
LASER CLASSIFICATION	Mid 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.
CERTIFICATES	RoHS Directive 2011/65/EU; Amendment 2015/863, REACH SVHC 1907/2006

COUNTRY APPROVALS

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

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.