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, ProGlove Connect (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 TOOL & DEVICE MANAGEMENT	https://config.proglove.de https://proglove.cloud Use for barcode, interface, device and profile configuration, device management et al.
ANDROID INTEGRATION	ProGlove Connect: 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

WARRANTY	12-month factory warranty
PROGLOVE CARE	36 month extended guarantee For more information contact ProGlove.

SAFETY & REGULATORY

RADIO AND ELECTROMAGNETIC COMPATIBILITY	EU: 2014/53/EU Radio Equipment Directive (RED)
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.