Technical Specification

ProGlove MARK Basic
(mid range)

WIRELESS COMMUNICATION

BLUETOOTH RADIO

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 shielding, 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, 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 - 96,000 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% UPC-A
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
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:
FCC ID: 2AOJL-MARK2

ELECTRICAL SAFETY
EU:

INTERNATIONAL:
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

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.