**Technical Specification**

**ProGlove MARK Display**

**WIRELESS COMMUNICATION BLUETOOTH LOW ENERGY**

**BLUETOOTH RADIO**

Supports Bluetooth Low Energy 4.0, 4.1, 4.2, 5.0

**TRANSMISSION RANGE**

- Free field: 40 m (131 ft)**
- Indoor: 10-20 m (33-66 ft)**
- May degrade 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, MaxCode, et al.

**POSTAL**

US PostNet, US Planet, UK Postal, Australia Postal, Japan Postal, Dutch Postal (KIX) et al.

**DISPLAY**

**DISPLAY**

E-paper display

**SIZE**

1.54 inch

**RESOLUTION**

200 x 200 pixel resolution, 188 Dpi

**ELECTRICAL PROPERTIES**

**BATTERY**

670 mAh, Lithium polymer (rechargeable)

**CHARGING TIME**

2 hours with ProGlove Charging Station

**OPERATING TIME / SCANS**

approx. 6000 scans depending on the application and environmental conditions

**MECHANICAL PROPERTIES**

**DIMENSIONS**

50 x 45 x 18 mm (1.47 x 1.77 x 0.7 inch)

**WEIGHT**

48 g (1.7 oz)

**ENVIRONMENTAL CONDITIONS**

**DROP RESISTANCE**

50 drops from 2 m (6.5 ft) onto concrete

**TUMBLERs**

500 tumbling from 1 m

**PROTECTION AGAINST DUST AND WATER**

IP 54

**TEMPERATURE**

Operating Temperature: 0°C - 45°C (32°F - 113°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)**

±15kV air discharge

±17kV contact discharge

**INTERFACES**

**ANDROID**

Insight Mobile (App/SDK)

**IOS**

ProGlove iOS SDK

**USB**

ProGlove Gateway

**SCANNER PROPERTIES**

**READING FIELD OF VIEW**

Horizontal: 31°, vertical 23°

**SKEW, PITCH & ROLL**

Slew tolerance: ±60°

Pitch tolerance: ±60°

Roll tolerance: ±360°

**AMBIENT LIGHT**

0 - 96,900 lux

**AIMER**

650 nm, 1 mW

**UTILITIES & ACCESSORIES**

**CONFIGURATION & DEVICE MANAGEMENT**

[https://insight.proglove.com](https://insight.proglove.com)

**DEVELOPER DOCUMENTATION**

[https://developers.proglove.com](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.)

**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: 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
- 2.1 in./ 5.3 cm to 54.0 in./ 137.2 cm
- 11.0 in./ 27.9 cm to 172.0 in./ 436.9 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](https://proglove.com)

**SAFETY & REGULATORY**

**RADIO AND ELECTROMAGNETIC COMPATIBILITY**


FCC ID: 2AOJL

IC: 23450-MARK2

**ELECTRICAL SAFETY**


EN 62368-1: 2014 / A11: 2017

**INTERNATIONAL**

IEC 62368-1:2014

US/C/CD:

UL 62368-1, 2nd Ed., 2014-12-01 and CAN/CSA C22.2 No. 62368-1-14

**LASER CLASSIFICATION**

According to EN 60825-1: 2005 and IEC 60825-1 (Ed. 3.0) Laser class 2 device. Caution Laser Radiation - Do not stare into beam.

**ENVIRONMENTAL**


**ENVIRONMENTAL**

**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

Detailed information on the regulatory markings can be found in the Declaration of Conformity (DoC) at [www.proglove.com](http://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, Iceland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom, Iceland, Liechtenstein, Switzerland and Norway.