



## ProGlove Mark 3 – Wearable scanner with 6 m range

- ✓ Scan barcodes from 10 to 600 cm
- ✓ 12,000 scans with one battery charge
- ✓ Extremely robust: IP65 and drop-proof up to 2 m
- ✓ Compatible with Android, iOS and Windows
- ✓ Ergonomic hand strap

## Features

**Readable codes:** 1D, 2D, Mail

**Reading distance:** 5 - 600 cm

**Battery:** approx. 12,000 scans

**Compatible operating systems:** Android, iOS, Windows

**Connectivity:** Bluetooth Low Energy 5.0, max. range 10 - 40 m

**Protection:** IP65, drop-proof up to 2 m

**Operating temperature:** -20 - 50 °C

**Dimensions (W x L x H):** 50 x 45 x 17 mm

**Weight:** 39 g

## Optional accessories

Hand strap

2-fold charging station

10-fold charging station

BLE gateway

## 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                                                                      | 3 <sup>rd</sup> party device<br>Free field: 40 m (131 ft) **<br>Indoor: 10-20 m (33-66 ft) ** | ProGlove Gateway<br>Free field: 70 m (230 ft) **<br>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)<br>Charging Temperature: 5°C - 40°C (41°F - 104°F)<br>Storage Temperature: -20°C - 60°C (-4°F - 140°F) |
| HUMIDITY                          | 5% - 95% non condensing                                                                                                                                   |
| ELECTROSTATIC DISCHARGE (ESD)     | ±8kVdc air discharge<br>±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°<br>Pitch tolerance: ±60°<br>Roll tolerance: 360° |
| AMBIENT LIGHT         | 0 - 107,639 lux                                                       |
| AIMER                 | Green Laser 520nm                                                     |

## UTILITIES & ACCESSORIES\*

|                                   |                                                                                                                   |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| CONFIGURATION & DEVICE MANAGEMENT | <a href="https://insight.proglove.com">https://insight.proglove.com</a>                                           |
| DIGITAL DOCUMENTATION             | <a href="https://docs.proglove.com">https://docs.proglove.com</a>                                                 |
| 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](http://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 DataMatrix  | 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 <a href="https://proglove.com">https://proglove.com</a> |

## SAFETY & REGULATORY

|                                         |                                                                                                                                                                                 |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RADIO AND ELECTROMAGNETIC COMPATIBILITY | EU: 2014/53/EU Radio Equipment Directive (RED)<br>FCC ID: 2A0IL-MARK-3<br>IC: 23450-MARK3                                                                                       |
| ELECTRICAL SAFETY                       | EU: acc. to 2014/53/EU Radio Equipment Directive (RED)<br>EN 62368-1:2014 + A11:2017<br><br>INTERNATIONAL: IEC 62368-1:2014<br><br>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)<br>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](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, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom, Iceland, Liechtenstein, Switzerland and Norway.