

# MARK

## Basic



Kleinsten und leichtesten  
Wearable Scanner \*



Scan Reichweite 30 - 150 cm  
je nach Barcodegröße



3 Wearables  
zur Auswahl



bis zu  
3000 scans



Optische,  
haptische, akustische  
Feedbackfunktion



Anbindung über  
Bluetooth Low Energy

\* MARK Basic ist hier in Originalgröße (50x45mm) abgebildet.

# MARK Basic



- ✓ Geeignet für alle 1D und 2D Barcodeerfassung aus kurzer Entfernung (30 - 150 cm)
- ✓ MARK Basic überträgt die Barcodedaten via Bluetooth Low Energy (BLE)
- ✓ Haptisches, akustisches und optisches Feedback
- ✓ Batterielaufzeit bis zu 3000 scans

## ANWENDUNG MARK Basic

- ✓ KANBAN (Wiederbestellung, Milk Run, etc.)
- ✓ Inbound (Wareneingang, Umverteilung)
- ✓ Outbound (Palettierung, Verpackung, Warenausgang, etc.)
- ✓ Materialtransport (Hochhub-Stapler, Kommissionierwagen)
- ✓ Picking (Supermarkt-Prinzip, Kleinteil-Picking, etc.)

# CHARGING STATION



- ✓ Sicherer Halt sowohl für MARK 2 mid range, standard range als auch für MARK Basic
- ✓ Verschiedene Montagearten möglich (Wandmontage, Montage mit Kabelbindern, etc.)

# PROGLOVE CARE



- ✓ Erweiterte Garantie für 36 Monate
- ✓ Maximale Betriebsbereitschaft durch sofortiges Austauschgerät
- ✓ Standardisierter Austauschprozess mit dedizierten Support-Ansprechpartnern
- ✓ Priorisierte Bearbeitung Ihrer Service- und Support Anfragen

# MARK BASIC

# LIEFERUNG AB SOFORT

Für mehr Informationen wenden Sie sich bitte an:

✉ [sales@proglove.com](mailto:sales@proglove.com)  
🌐 [www.proglove.com](http://www.proglove.com)



# TECHNICAL DATA for ProGlove System "MARK:" SCANNER MARK Basic, CHARGING STATION

---

## SCOPE OF APPLICATION

Application of the ProGlove system in industrial field, such as production, assembly, logistics. Please contact the manufacturer for other application areas

## TECHNICAL SPECIFICATIONS

### WIRELESS COMMUNICATION

#### BLUETOOTH LOW ENERGY

|                              |   |
|------------------------------|---|
| SUPPORTED BLUETOOTH VERSIONS | Bluetooth Low Energy 4.0, 4.1, 4.2, 5.0, 5.1  |
| TRANSMISSION POWER           | ≤ 0dBm  |
| ENCRYPTION                   | AES-128   |
| TRANSMISSION RANGE           | Line-of-sight: 10m**<br>**may decrease in industrial environments (e.g. due to walls, metal shelving, machines) |
| PROTOCOL                     | BLE HID over GATT   |

#### BARCODE DECODING CAPABILITY

|        |   |
|--------|---|
| 1D     | All common 1D   |
| 2D     | PDF417, MicroPDF417, Data matrix, QR Code, Micro QR Code, Aztec, RSS, Composite, TLC-39, MaxiCode |
| POSTAL | US PostNet, US Planet, UK Postal, Australia Postal, Japan, Postal, Dutch Postal (KIX)             |

#### ELECTRICAL PROPERTIES

|                               |   |
|-------------------------------|---|
| BATTERY TYPE                  | Lithium polymer (rechargeable)  |
| CHARGING DURATION             | 2 hours via power supply SAW-0501200GB                                    |
| OPERATING DURATION / SCANS    | up to 3000 scans<br>depending on application and environmental conditions |
| POWER SUPPLY CHARGING STATION | 5 VDC (1.2A) via power supply SAW-0501200GB                               |

# TECHNCIAL DATA for ProGlove System "MARK:" SCANNER MARK Basic, CHARGING STATION

## ENVIRONMENTAL CONDITIONS

|                                   |  |
|-----------------------------------|--|
| DROP RESISTANCE                   | Scanner: Resists > 50 drops from 2 m (onto concrete)                                     |
| PROTECTION AGAINST DUST AND WATER | Scanner: IP54<br>charging station:<br>IP20   |
| TEMPERATURE:                      | Operation: -5 - 50 °C<br>Storage: -20 - 60 °C<br>Rel. air humidity: 95% (non-condensing) |

## KEYBOARD LANGUAGES

|         |   |
|---------|---|
| BLE HID | <ul style="list-style-type: none"> <li>• Croatian</li> <li>• Czech</li> <li>• English (GB)</li> <li>• English (US)</li> <li>• French (Belgium)</li> <li>• French (Canada)</li> <li>• French (France)</li> <li>• German (Germany)</li> <li>• German (Switzerland)</li> <li>• Italian</li> <li>• Portuguese (Brazil)</li> <li>• Portuguese (Portugal)</li> <li>• Slovakian</li> <li>• Slovenian</li> <li>• Spanish</li> </ul> |
|---------|---|

## MECHANICAL PROPERTIES

|            |  |
|------------|--|
| DIMENSIONS | Scanner: 50 x 45 x 16 mm<br>Charging station: 140 x 56 x 19 mm |
| WEIGHT     | Scanner: 40 g<br>charging station:<br>110 g                    |

## SCANNER PROPERTIES






|                    |   |
|--------------------|---|
| READING RANGE      | Mid-range: Horizontal: 31°, vertical: 23°                             |
| SKEW, PITCH & ROLL | Skew tolerance: ±60°<br>Pitch tolerance: ±60°<br>Roll tolerance: 360° |
| AMBIENT LIGHT      | Maximum of 96,900 lux (direct sunlight)                               |

# TECHNCIAL DATA for ProGlove System "MARK:" SCANNER MARK Basic, CHARGING STATION

## DECODER RANGES

|  |  |
|--|--|
| The smallest symbol in the barcode (the mil-inch (mm) number indicates the size of the smallest function in the barcode)                             | Possible distance between user and barcode |
| 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<br><br>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   |

## CERTIFICATION AND DETAILS - Access point, scanner and charging station

|   |  |
|---|--|
| DESIGNATION                               |      |
| RADIO                                     | 2014/53/EU Radio Equipment Directive (RED)<br>ETSI EN 300 220-1 V3.1.1:2017<br>ETSI EN 300 220-2 V3.1.1:2017<br>ETSI EN 300 220-2 V3.2.1:2018<br>ETSI EN 300 328 V2.1.1:2016<br>EN 61000-4-11:2004<br>EN 61000-4-6:2014<br>EN 61000-4-5:2014<br>EN 61000-4-4:2012<br>EN 61000-4-3:2006+A1:2008+A2:2010<br>EN 61000-4-2:2009<br>EN 61000-3-2:2014<br>EN 61000-3-3:2013<br>EN 55022:2010 + AC:2011                                     |
| OTHER                                     | Safety / LVD testing as per<br>IEC 60950-1:2005/AMD1:2009<br>IEC 60950-1:2005/AMD2:2013<br>IEC 60950-1:2005<br>EN 60950-1: 2006 / A11: 2009 / A1:<br>2010 / A12: 2011 / A2:2013<br>2011/65/EU Restriction of Hazardous Substances (RoHS)   |
| LED CLASSIFICATION                        | Mid-range: According to CDRH Class II/IEC 825 Laser class 2 device   |
| COMPLIANCE WITH ENVIRONMENTAL REGULATIONS | Complies with EU-RoHS  |