

**TECHNICAL SPECIFICATIONS for PROGLOVE (Workaround Gmbh) SYSTEM
"MARK ONE S" containing SCANNER MARK ONE S, ACCESS POINT ONE S,
CHARGING STATION**

APPLICATION AREA

Average industrial application like assembly and logistics. For usage in other areas please contact the supplier.

TECHNICAL SPECIFICATIONS

WIRELESS COMMUNICATION

| | |
|--------------------|---|
| FREQUENCY RANGE | 863-870 MHz on 70 channels with 100 kHz spacing |
| TRANSMISSION POWER | <20mW |
| ENCRYPTION | AES-128 |
| RANGE | Free field: >60m ** Indoor: 15-30m ** **This can decrease in obstructed environments (e.g. with walls, metal racks, machines) |

This product supports AFA (Adaptive Frequency Agility) with LBT (Listen Before Talk), automatic switch to unoccupied frequencies to avoid collisions and to ensure safe data transmission.

BARCODE DECODING CAPABILITY

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

ELECTRICAL

| | |
|--|---|
| BATTERY TYPE | Lithium-Polymer |
| CHARGING PERIOD | 3 hours* with power supply SAW-0501200 |
| OPERATING TIME / SCANS | 8 hours (1 Shift) and 3000+ Scans or 16 hours (2 Shifts) and 1500+ Scans depending on use case and environmental conditions |
| POWER SUPPLY CHARGING STATION | 5 VDC (1,2A) with power supply SAW-0501200 |
| POWER SUPPLY ACCESS POINT USB CONNECTION | 5 VDC (0,5A) via Host Computer |
| POWER SUPPLY ACCESS POINT RS232 CONNECTION | 12 VDC (1A) with power supply PG12-10P55 |

TECHNICAL SPECIFICATIONS for PROGLOVE (Workaround Gmbh) SYSTEM
 "MARK ONE S" containing SCANNER MARK ONE S, ACCESS POINT ONE S,
 CHARGING STATION

ENVIRONMENTAL CONDITIONS

| | |
|--------------------------------|--|
| DROP RESISTANCE | Scan Module: 50+ drops from 2.0 m onto concrete |
| PROTECTION FROM DUST AND WATER | Scan module: IP54 Charger: IP40 Access Point: IP22 |
| TEMPERATURE: | Operating: 0 - 50 °C Storage : 0 - 50 °C |

INTERFACES

| | |
|--------------|---|
| ACCESS POINT | <p>USB CDC / RS-232, 9600, 19200, 38400, 57600, 115.200 baud USB HID (keyboard input on host), Layouts:</p> <ul style="list-style-type: none"> • Croatian # • Czech • English (GB) • English (US) • French (Belgium) # • French (Canada) # • French (France) • German (Germany) • German (Switzerland) # • Italian # • Portuguese (Brazil) # • Portuguese (Portugal) • Slovakian # • Slovenian • Spanish • Other languages: on request <p>Languages tagged with # are not supported in the preseries</p> |
|--------------|---|

PHYSICAL CHARACTERISTICS

| | |
|------------|---|
| DIMENSIONS | <p>Scan Modul: 50 x 45 x 15 mm Access Point: 138 x 64 x 33 mm Charging Station:: 118 x 63 x 37 mm</p> |
| WEIGHT | <p>Scan Modul: <40 g Access Point: <100g (excluding cable) Charging Station: <200g</p> |

READING PERFORMANCE

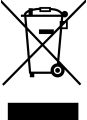

| | |
|--------------------|--|
| FIELD OF VIEW | Horizontal: 42°, Vertical: 28° |
| SKEW, PITCH & ROLL | <p>Skew Tolerance: ±60° Pitch Tolerance: ±60° Roll Tolerance: 360°</p> |
| AMBIENT LIGHT | Max 107,639 lux (direct sunlight) |

**TECHNICAL SPECIFICATIONS for PROGLOVE (Workaround Gmbh) SYSTEM
 "MARK ONE S" containing SCANNER MARK ONE S, ACCESS POINT ONE S,
 CHARGING STATION**

DECODE RANGES

| | |
|--|--|
| Smallest feature in the barcode (the mil-inch (mm) number in front indicates the size of the smallest feature in the barcode) | Applicable distance between user and barcode |
| 4 mil (0.102 mm) Code 39 | 3.3 in./8.4 cm to 8.8 in./22.4 cm |
| 5 mil (0.127 mm) Code 128 | 2.8 in./7.1 cm to 8.2 in./20.8 cm |
| 5 mil (0.127 mm) Code 39 | 2.0 in./5.08 cm to 13.5 in./34.3 cm |
| 5 mil (0.127 mm) PDF417 | 3.1 in./7.9 cm to 8.4 in./21.3 cm |
| 10 mil (0.254 mm) DataMatrix Example: A 10 mil DataMatrix symbol capable of carrying 25 alphanumeric characters has a size of 4.57 mm * 4.57 mm | 2.9 in./7.4 cm to 10.1 in./25.7 cm |
| 100% UPCA | 1.8 in./4.6 cm to 26.0 in./66.0 cm |
| 20 mil (0.508 mm) Code 39 | 2.0 in./5.08 cm to 30.0 in./76.2 cm |

CERTIFICATION AND DETAILS - Access Point, Scan Module and Charger

| | |
|---|--|
| MARKING: |   |
| RADIO: | EN 61000-3- 3:2013 EN 61000-3- 2:2006 + A1:2009 + A2:2009 EN 301 489-3 V1.6.1 EN 301 489-1 V1.9.2 EN 300 220-2 V2.4.1 |
| OTHER: | Safety/LVD testing according to EN 60950-1:2006 + AC:2011 + A11:2009 + A12:2012 + A1:2010 + A2:2013 |
| LED CLASSIFICATION: | Exempt Risk Group LED product according to IEC/EN 62471 |
| COMPLIANCE WITH ENVIRONMENTAL PROTECTION: | Corresponds to EU ROHS |