



Ideal for logistics and retail

Handling products and parcels with both hands and still having a barcode scanner ready to use at any time - the ProGlove Basic Wearable Scanner enables a previously unknown flexibility in logistics and retail.

The ProGlove Basic connects to mobiles, tablets and terminals via power-saving Bluetooth Low Energy. The range of up to 10 metres means that even stationary devices can be easily connected.

The mid-range barcode scanner is ideal for scans up to approximately 1 metre, and the angle from which it scans can be up to 60 degrees. The device, which weighs only 40 grams, has an IP43 protection class and is thus protected against water and falls.

The ProGlove Basic is attached to cuffs with an index finger trigger. These consumables are available in all common sizes for right- and left-handers.

Features

Readable codes: 1D, 2D, Post

Reading distance: approx. 40 - 100 cm

Feedback: light, sound & vibration

Battery: approx. 3000 scans

Connectivity: Bluetooth Low Energy, up to 20 m

Protection: IP 43, drop-proof up to 2 m

Operating temperature: 0 - 50 °C

Dimensions (W x L x H): 50 x 45 x 16 mm

Weight: 40 g

Optional accessories

Longlife - Index Trigger

Reel

2-fold charging station

10-fold charging station

Gateway

WIRELESS COMMUNICATION

BLUETOOTH LOW ENERGY

BLUETOOTH RADIO	Supports Bluetooth Low Energy 4.0, 4.1, 4.2, 5.0	
TRANSMISSION RANGE	3 rd party device	ProGlove Gateway
	Free field: 40 m (131 ft)** Indoor: 10-20 m (33-66 ft)**	Free field: 70 m (230 ft)** 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	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, ProGlove Connect (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 - 96,900 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% 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