



PROGLOVE

for a smarter workforce

Wearable barcode scanning solutions





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Wearable barcode scanning solutions

Transform from handheld to smart, wearable barcode scanners with ProGlove. ProGlove solutions connect the industrial worker with the IIoT and provide management tools to supply the required data where it is needed on site. This allows for greater efficiency, flexibility, and quality.



Scanning solutions that enable workers to influence industry 4.0 and digital transformation

ProGlove build industrial wearables that are the lightest, smallest and toughest barcode scanners in the world, connecting the workforce to actionable information with the IIoT.

Hands-free barcode scanning to empower a smarter workforce



Efficiency

By eliminating the need to pick up a regular barcode scanner, ProGlove is able to speed up your processes by up to 50%.



Quality

ProGlove's complementary software solutions give users feedback on the tasks performed. This reduces mistakes, improves quality, and provides tangible data for future decisions.



Ergonomics

ProGlove's wearable scanners allow workers to operate hands-free. No need to carry a bulky scanner anymore.

ProGlove process efficiency & ergonomics

Redefining efficiency for GREATER COST SAVINGS

- Collect data, track activities, provide alerts and support distinct tasks
- Connect the works to the IIoT for communications, visualisation and big data analytics
- Monitor and measure workforce productivity

Redefining ergonomics to IMPROVE HEALTH & SAFETY

- Deploy "hands-free" as an invaluable workplace resource
- Reduce time to finish single processes
- Change the way employees work
- Simplify jobs

Applications:

- Assembly
- Picking
- Packing
- Staging

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Mark 2 Products



The ProGlove MARK 2 Mid Range scanner can be connected to other devices such as tablets, smartwatches or wearable terminals via Bluetooth Low Energy (BLE). Additionally, the module offers an extended scan range of up to 30-150 cm. (or 10-30cm Mark2 Standard range version) This makes it an ideal choice for picking, palletizing or working at packing stations. Because of the adjustable feedback options including acoustic signals, vibration and LEDs on the back of the hand – users no longer have to constantly check process steps on a control monitor.



The ProGlove MARK Display is the most advanced, lightweight wearable scanner available for frontline workers. The hand-free, data-first approach provides flexibility and independence for picking, sorting and sequencing processes. The intuitive display, acoustic and haptic feedback guides workers through their processes saving up to 6 seconds per scan and reducing error rates by up to 33%.

Where Data Meets Reality for Frontline Workers

The MARK Display adds intelligence to picking, sorting and sequencing processes by communicating only the essential data that workers need for efficiency and high performance. The intuitive display and acoustic and haptic feedback guide workers through their processes, which can save up to 6 seconds per scan and reduce error rates by up to 33%. You'll see immediate results across your supply chain using the MARK Display to communicate data between scanners, devices and central systems seamlessly. In addition, the device's high-contrast 1.54" e-paper display is easy to read and helps reduce eye strain that workers

Mark Scanner Technical Specifications



Model	MARK Basic	MARK 2 Standard Range	MARK 2 Mid Range	MARK Display
Scan Range	30 – 150 cm	10 – 80 cm	30 – 150 cm	15 – 150 cm
Display				1.54" E-ink
Size	50 x 45 x 16mm	50 x 45 x 16mm	50 x 45 x 16mm	50 x 45 x 18mm
Bluetooth Low Energy (BLE) Connection	Yes	Yes	Yes	Yes
868 Mhz Connection		Yes	Yes	
Battery Life	3000 scans	6000 scans	6000 scans	6000 scans
Transmission feedback	Acoustics, Optic, Haptic	Acoustics, Optic, Haptic	Acoustics, Optic, Haptic	Acoustics, Optic, Haptic
Ruggedness	50 drops from 6.5 ft	100 drops from 6.5 ft	100 drops from 6.5 ft	100 drops from 6.5 ft
IP Class	IP43	IP54	IP54	IP54
Workstation type	Semi-static, Mobile	Static, Semi-static, Mobile	Static, Semi-static, Mobile	Semi-static, Mobile

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ProGlove Connect

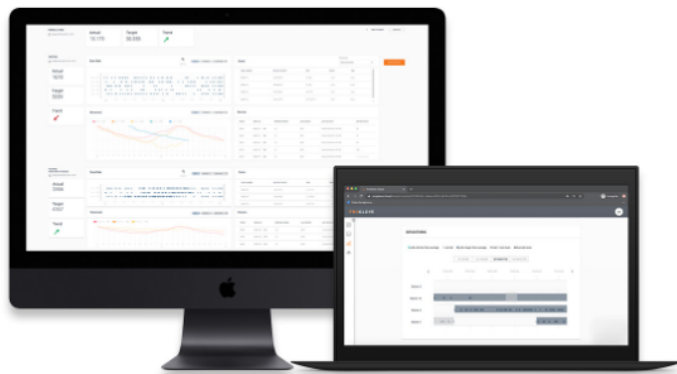


ProGlove Connect is a solution that enables fast and flexible integrations between your android enterprise applications and the ProGlove system.

Key Features:

- Easy Scan2Pair - Easy, fast and flexible device pairing through Scan2Pair functionality
- Workflow Rules - Define data manipulation and advanced rules to improve workflow productivity
- Integration Paths - Three integration paths for flexible integration options into enterprise applications (Software keyboard, intent integration or SDK)
- Auto Config - Automated distribution of ProGlove Connect App configuration via Mobile Device Management (MDM) systems
- Firmware Update - Easy and fast way to update the Firmware of ProGlove MARK and get ready for the rollout of future features

ProGlove Cloud



Unlock the potential of your workforce

ProGlove Cloud enables real-time operational data to be put into context. Insights from ProGlove Cloud will help businesses to identify real and potential supply chain bottlenecks, reallocate workers when unforeseen peaks occur, or deliver instructions to increase workers' safety.

Device management & analytics

- Full control over your device fleet
- One-click update and feature upgrades
- Predictive maintenance & automated reports



Immediate Integration

- Server-based applications managed by ProGlove – all you need is to login
- Connect MARK 2 and MARK Display to the cloud via ProGlove Connect or ProGlove Gateway

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Accessories

USB Access Point Bundle



The Access Point receives data from the barcodes scanned by the MARK scanner.

- Access Point
- USB Cable

RS232 Access Point Bundle



The Access Point receives data from the barcodes scanned by the MARK scanner.

- Access Point
- RS232 cable
- Power supply unit
- Power cable

Charging Station



The Charging Station can be used to charge two MARK scanners simultaneously. Full load cycle of a MARK scanner takes less than 2 hours. The charging station is powered by a USB power supply.

- Charging Station for two MARK scanners
- Less than 2 hours charge time
- Can be mounted on vertical surfaces

Standard Glove



- For areas with lower level protection requirements for gloves
- Small parts, high bay warehouse picking, tigger trains, etc
- Left & right hand versions available

Trigger: Textile trigger located on the side of the index finger

Sizes: Industry standard 7 –10

Index Trigger Glove



- For environments without risk of injury
- Wearable both with a free hand as well as in combination with different glove types
- Left and right hand version available

Trigger: Textile trigger located on the side of the index finger

Features: Comfortable reinforced edges. Ergonomic thumb and forefinger release
Sizes: S, M L / Varied sizes customised by industry

Reel



Retractable reel for low-frequency scanning environments

- Pull-to-scan function (automatically releasing the scan engine when pulling it out)
- Highly durable Aramid thread with a reach close to 70cm
- Additional release button
- Two-way attachment: Tiltable clip and lanyard

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Applications

Assembly



Assembling made easy...

...with ProGlove's industry-leading smart gloves. Have your workers effortlessly document all working steps in your assembly lines, while keeping their hands free and generating immediate value for your business! If you have special requirements regarding the protection of the parts on your assembly line – we got you covered. Choose from our 3 different wearables and be certain to find a solution that fits your needs.

Staging



Make staging more ergonomic,...

...efficient, and produce virtually no errors. What may seem like an impossible challenge can actually be solved in a matter of minutes. ProGlove's industrial wearables let you do that and more. With the ability to supply instant feedback, ProGlove ensures that errors are identified and resolved right when they happen.

Picking



Picking is a key performance indicator for warehouses...

...and every second counts. ProGlove's IIoT wearables provide means – such as the instant feedback feature – to easily improve the quality of the logistic processes. Wrong picks do not only cause delays, they also affect your customer satisfaction. Yet customer satisfaction is a crucial factor for your competitiveness. So keep your customers satisfied – rely on ProGlove

Packing



While packing workers should not be burdened...

... with an intrusive scanner because packing is a process that requires the use of both hands. ProGlove's smart wearables support workers by giving them the flexibility to handle items with both hands while documenting them at the same time. With only 40 grams ProGlove's smart IIoT wearables weigh less than a regular wrist watch, and workers will barely notice them. Additionally, workers save valuable time because they do not have to pick up scanners anymore.



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Mobile Computer Companion Use Case Scenario



Modern mobile computers with in-built scanners require the user to constantly use one hand to hold the device whilst scanning, then setting the computer down whilst handling products or parcels. etc

The user is distracted (and loses time) by having to find somewhere to place the device whilst managing assembly, picking, packing or staging applications.

It is also common for devices to go missing when set down, often left in, or packed accidentally in cartons.



Mobile users can now mount the mobile computer in wrist/arm band holders. This allow the users to have access to both hands at all times, and without the need to set the device down.

Adding the ProGlove Bluetooth scanner allows instant scanning when required with both hands free to manage all applications without any loss of time, or loss of device!.



ProGlove Standard Glove is designed to work with touch screen computers in finger/glove mode.

Wear the computer on your left arm, and scanner on your right hand for optimum performance or vice-versa if you are left handed etc..



What is your preferred wearable accessory?

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