THE CW45 RUGGED WEARABLE MOBILE COMPUTER

As escalating customer demands and throttled supply continue to mount pressure on the global supply chain, especially for distribution centers and retail businesses, enterprises are often left scrambling for solutions that can help them mitigate these challenges with improved operational agility.

The CW45 wearable mobile computer brings the power and durability of Honeywell mobile computing into a compact, highly ergonomic wearable form factor. The CW45 helps streamline common tasks that previously required users to juggle handheld devices with the goods they are processing, leaving both hands free to accomplish their tasks, eliminating wasted motion and increasing productivity.

SITUATION

Global supply chain limitations and constrained labor forces continue to place increased pressure on enterprises who are expected to meet ever-increasing customer demands for fast and accurate fulfillment. As labor markets tighten, enterprises are looking for tools that can improve worker productivity and do so seamlessly without costly downtime for integration and implementation.

Many enterprises are turning to wearable workflow tools that enable hands-free processing, especially in picking and packing workflows within warehouses and fulfillment centers, to help enable worker productivity. These wearable computers can greatly reduce wasted movement, replacing the need to juggle handheld devices with the products a worker would be processing. But oftentimes these wearable computers are not built to withstand the demands of a fast-paced distribution or fulfillment center. They come with small display sizes that can be difficult to read or easily damaged, offer a short computing service life that limits the service life of the investment, and non-optimal ergonomics increase user resistance to adoption.

To meet the ever-present challenges in today's supply chain, businesses need an enterprise-grade solution that is purposefully designed to withstand today's warehouse environments while increasing overall workflow productivity, At the same time, it must be easy to use and comfortable enough to wear all day, every day. They need a solution that is going to improve the overall productivity of what has become a highly mobile workforce, eliminate wasted time and energy renewing consumer-based devices, and lower their total cost of ownership while increasing their topline revenues.

Fig. 1 The CW45 Rugged Wearable Mobile Computer

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SOLUTIONS

The CW45 wearable computer is a rugged performance tool that helps improve productivity by enabling workers to efficiently move through common warehouse workflows, like picking or packing products, hands free.

Designed expressly for wearable utility and premium comfort, the CW45 offers purposeful ergonomics, so that users on the warehouse floor are comfortable using it throughout an entire shift without sacrificing mobile computing power. The CW45's wearable configuration helps workers increase throughput by eliminating wasted movements of working with handheld computers and keep workflow instructions only a glance away. Offering optimal size, weight, and a lower center of gravity, the CW45 goes where your workers go without being cumbersome or in the way. Further enabling ready user adoption by addressing hygiene concerns, the CW45 is designed with non-absorbent wearable accessories and can be cleaned with approved disinfectants.

With enterprise-level ruggedness, the CW45 can withstand the often-harsh warehouse environments, with continuous performance through bumps, tumbles and drops. Dusty workspaces and even moisture are managed via tight sealing for long service.

Built on the marquee Honeywell Mobility Edge™ platform, the CW45 is a durable, stable and secure mobile computer that allows an enterprise to accelerate deployments, optimize business performance, extend the device's lifecycle and strengthen its security. It can also seamlessly integrate with other Honeywell hardware and software,

making it a force multiplier for businesses looking for a comprehensive solution to achieve their productivity goals.

Discover more about how the CW45 wearable mobile computer can help increase your workforce productivity.

WI-FI 6 ENABLED

Embedded with upgraded Wi-Fi 6 technology, the CW45 increases data throughput and provides a better experience on voice or video communications, even in a densely connected environment.

CROSS-INDUSTRY WORKFLOWS

The CW45 wearable mobile computer has been designed to solve common challenges in warehouse, logistics, manufacturing and retail applications. From picking and packing workflows to stocking, assembly, and put away, the CW45 is designed to go where your highly mobile workforce does and enhances on-the-move operations, no matter where they are in the global supply chain.
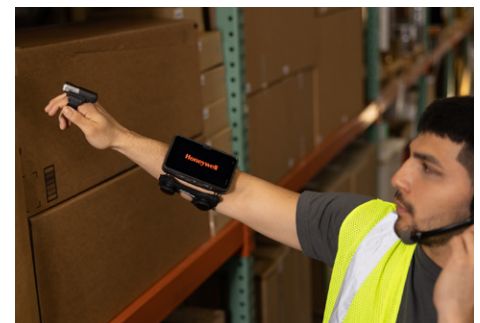
BUILT ON THE MOBILITY EDGE PLATFORM

Built on the newest generation of Honeywell's Mobility Edge platform, a durable, stable, secure foundation for effective, long-lasting solutions, the CT45 family delivers the lifecycle, security and durability required by serious businesses. The CT45 leverages updated processor and memory technology for high performance with guaranteed support through Android 13, with a commitment to support through Android 15, subject to feasibility.

PURPOSEFUL, RUGGED DESIGN

The CW45 wearable computer is ideal for indoor and outdoor operations. It offers an optically bonded multi-touch panel that is ideal for durability and outdoor readability, as well as gloved and rain-condition use. With water rejection and screen protector mode, the CW45 comes covered with Gorilla Glass 5 for increased resistance to impacts and drops.

The CW45 offers a flexible configurable 3-button layout, and supports push-to-talk and VoIP communications via internal microphone and speaker or a paired Bluetooth headset, standing ready to eliminate fragmented communications.

OPTIMIZED BATTERY LIFE

The CW45 offers optimal battery life, with a Li-Ion smart battery with integrated diagnostic tools and can be easily hot swapped. The CW45 offers a standard battery pack for the lowest size and weight, or an extended battery pack for maximum runtime between charges.

EXTENSIVE ACCESSORIES

The CW45 seamlessly integrates with other Honeywell devices, such as the 8675i ring scanner, portable printers, or voice headsets, serving as the technology hub for a fully mobilized worker. When matched with Honeywell Operational Intelligence software, the CW45 can gather data regarding device usage and help warehouse operation managers use predictive analytics to confidently make workflow optimization changes and address challenges before the impact downstream productivity.

VOICE SOLUTION READY

CW45 was developed in close alignment with the Honeywell Voice solutions business, and is ready to run Honeywell Voice Guided Work. CW45 paired with voice-enabled workflows allows workers to operate hands-free and eyes-free when needed, and also provide visual workflow information (such as reference product photos in a picking process) when needed to further improve efficiency and accuracy.

LOOK TO THE FUTURE

Honeywell understands the shifting demands of Warehouse/DC, Manufacturing and T&L operations, and that technology will help to address social distancing and new leaning procedures, while maintaining a focus on employees' productivity – without compromising accuracy and speed. Our commitment is to work with you within your operation to help you operate within the 'new normal'.

Learn how Honeywell can partner with you to shape the future of your business.

Contact a Honeywell representative

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