MUNBYN Expands Android Barcode Scanner Solutions for Mobile Inventory and Warehouse Workflows

MUNBYN highlights Android barcode scanners for inventory, retail, warehouse and logistics workflows, combining barcode scanning with on-device data access.



HOUSTON, TX, UNITED STATES, September 30, 2026 / EINPresswire.com/ -- As retailers, warehouses, and logistics operations continue to move inventory management onto mobile devices, MUNBYN is highlighting its Android barcode scanner lineup as a dedicated option for businesses that need barcode scanning, inventory applications, and mobile data access in a single handheld device.

Android has become an established platform for enterprise mobility, with Google supporting dedicated Android devices for use cases including inventory management, field service, transportation, and logistics. In retail environments, Android Enterprise also identifies barcode-based inventory tracking and restocking as practical business applications.

The shift toward mobile workflows is also creating a practical question for warehouse and retail teams: whether employees should rely on consumer smartphones for occasional barcode scanning or use dedicated handheld barcode scanners for repetitive, high-volume operations. Recent discussions among warehouse professionals have focused on factors including scan frequency, durability, battery life, device management and integration with warehouse management systems.

MUNBYN's Android Barcode Scanner collection is designed around this dedicated-device approach. The devices combine barcode scanning hardware with an Android operating system, touchscreen interfaces, and wireless connectivity, allowing businesses to run compatible inventory, warehouse management, point-of-sale, and field-service applications directly from a handheld scanner.

One of the latest models in the lineup is the MUNBYN AS01P Barcode Scanner. Built for high-volume scanning environments, the device combines Android 14 with a Zebra SE4710 scanning engine and a 7,000mAh removable battery. MUNBYN states that the scanner can decode common 1D and 2D barcode formats, including UPC/EAN, Code 128, Code 39, QR codes, Data Matrix, and PDF417.

The AS01P is equipped with a 5.99-inch, 2160 × 1080 touchscreen with 500-nit brightness. Its touch interface supports use with gloves and wet hands, a consideration for warehouse, delivery, and industrial environments where conventional smartphone operation can be less practical.

Connectivity is another part of the mobile workflow. The AS01P supports Wi-Fi 6, 4G, Bluetooth 5.1, NFC and GPS, giving businesses multiple options for connecting the scanner to cloud-based inventory systems, warehouse applications and other enterprise software. The device uses a Qualcomm octa-core processor and provides 4GB RAM with 128GB storage in its standard configuration, with an 8GB RAM option available.

For operations that require extended shifts, the removable 7,000mAh battery is designed for longer periods of mobile use. MUNBYN also specifies 27W fast charging. The company says the battery can support up to two to three shifts depending on usage conditions, while actual runtime varies according to scanning frequency, display brightness, connectivity, and application workload.

Durability is another distinction between dedicated scanning equipment and conventional consumer devices. The AS01P carries an IP65 rating and is designed to withstand multiple 2-meter drops. MUNBYN also states that the device has MIL-STD-810H certification, supporting deployment in demanding warehouse, retail, and logistics environments.

The AS01P is available in a pistol-grip configuration for repeated trigger scanning, while the AS01 version is offered without the pistol grip. This gives businesses the option to configure the hardware according to scanning frequency and the way employees handle the device during receiving, picking, stock counting, and shipping tasks.

Beyond barcode capture, Android-based scanners can also support broader device-management strategies. Android provides enterprise tools for managing company-owned and dedicated devices, including app controls, managed configurations, and dedicated-device modes. These capabilities can help organizations deploy devices for specific operational purposes rather than treating them as general-purpose personal smartphones.

“Barcode scanning is increasingly part of a broader mobile workflow rather than an isolated scanning task,” said a MUNBYN representative. “Combining scanning hardware with an Android platform allows businesses to bring inventory applications, connectivity and data access into the same handheld device.”

About MUNBYN

MUNBYN develops hardware and business technology solutions for printing, scanning, labeling, and workflow management. Its product portfolio includes thermal label printers, barcode scanners, shipping solutions, and other equipment designed for small businesses, retail operations, warehouses, and professional workplaces.

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