

EM-I10J rugged tablet PC for efficient cold store forklift operations



Challenge

Harbin Yucheng Logistics Co., Ltd. is a local integrated logistics company in Harbin, specializing in solving end-to-end supply chain needs such as warehousing logistics and cold storage for customers. Before using Emdoor's ruggedized mobile devices, it used often caused high after-sales maintenance costs, and could not be adapted to professional scanning modules to meet differentiated usage scenarios and new application needs.

Solution

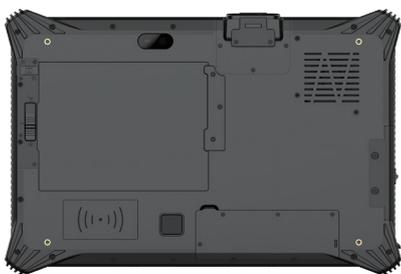
For those troubles client met, Emdoor recommended its 10.1-inch Windows rugged tablet PC EM-I10J. When loading, unloading, and handling large quantities or tonnage of goods, simply mount the EM-I10J on a warehouse forklift using the matching vehicle mount, and its adaptable warehouse management system will be able to obtain and execute warehouse task orders on time. For daily picking or scattered goods registration, the EM-I10J tablet PC can also quickly handle.

Benefits

From the selection to the formal adoption of the rugged tablet PC EM-I10J, Emdoor provided the whole process from pre-sales to after-sales technical support and service, helping to reduce the customer's labor input costs by 30%. On the other hand, the EM-I10J tablet PC perfectly meets the customer's needs and usage scenario in terms of performance, functions, and accessories, which significantly improves the overall efficiency of the customer's warehouse logistics and cold storage.

Background

Harbin Yucheng Logistics Co., Ltd. is a local integrated logistics enterprise, founded on March 20, 2013, located in Harbin City, Heilongjiang Province, Pingfang District, the scope of business mainly includes domestic cargo transportation agency, cargo storage, cold storage, supply chain management, loading and unloading, goods packaging, storage equipment rental services, and so on.



EM-I10J
Rugged Tablet PC

Challenge

Harbin Yucheng Logistics Co., Ltd. is a local comprehensive logistics enterprise with well-rounded logistics and warehousing services. By adopting some rugged tablet PCs applicable to logistics enterprises to improve the level of enterprise refinement, informatization, and intelligent management, it has been maintaining the leading market competitiveness in local.

With the popularity of intelligent and information technology in the industry, Yucheng Logistics hopes to consolidate its position in the industry by optimizing its existing infrastructure, which includes rugged tablet PCs.

Now, the suppliers of the rugged tablet PC used by Yucheng Logistics are foreign companies, resulting in long and costly delivery cycles for failure maintenance. Therefore, Yucheng Logistics wants to purchase a batch of tablet PCs with high quality and good after-sales service for the replacement to reduce costs. For the requirements of the tablet PCs, they hope that not only can scan goods barcodes in hand, but also can be used on the forklift.

Solution

Emdoor info, a well-known rugged tablet PC supplier in China, has various series of rugged tablet PCs. After learning of Yucheng Logistics' needs, it recommended the EM-I10J, a 10.1-inch Windows rugged tablet PC that can be easily used in warehouse, in-vehicle and mobile work.

EM-I10J tablet PC-Best Solution for Your Forklift

When the EM-I10J rugged tablet PC is fixed on the forklift, its Windows 11 operating system can collaborate with the client's warehouse management system to obtain real-time task orders for the warehouse staff, so that they can work on and report the target cargo according to the information specified in the task orders, such as cargo name, code, form, transportation quantity, current location and target handling location.

In the actual handling tasks, the EM-I10J tablet PC will be fixed above the forklift console using the vehicle mount and connected to the forklift power supply via the vehicle power adapter. The EM-I10J tablet PC will be connected to the barcode scanner through the USB port to let the staff view the information of the target cargo

by reading the barcode. When the task is finished, the warehouse staff can transmit the data to the warehouse management system via the EM-I10J's Wi-Fi network. Meanwhile, there is a stylus attachment that allows staff easily operate the EM-I10J device even with a glove.

The rugged tablet PC computer EM-I10J alone as a warehouse mobile handheld device only needs to add a barcode scanning module on its body to achieve rapid data capture, work records, information confirmation, and other operations. And it can also work with accessories such as a charging dock, backup battery, hand straps, and other accessories to enhance the mobility and efficiency of warehouse operations.

The Feature of EM-I10J

The EM-I10J is a multi-functional and cost-effective rugged tablet PC equipped with Intel's next-generation Jasper Lake Celeron® processors at up to 2.9GHz, with performance comparable to Intel's Core® i3 processor. Run on Windows 11 OS for smooth and stable operation of customer's warehouse management system software. For ensuring that warehouse workers get task instructions and respond the first time, the EM-I10J is equipped with a 10.1-inch 10-finger touchable full HD high-brightness screen and high-speed Wi-Fi, 4G, and Bluetooth communication connectivity to provide excellent readability and operability whether the environment is inside or outside the warehouse. Besides these, it also has dual cameras, GPS/Glonass navigation, a barcode scanner, dual batteries, and a series of other features that make warehouse work are carried out smoothly and worry-free.



Benefits

Yucheng Logistics achieves efficient warehouse operations with the help of EM-I10J rugged tablet PC.

Full-Flow Technical Support

The whole process of technical support and services from pre-sales to after-sales are provided by Emdoor, ensuring that the equipment can be quickly matched with the client's application scenarios and solve problems, ultimately saving 30% of labor input costs for customers.

Perfectly adapted to warehouse management systems

EM-I10J rugged tablet PC adopts an Intel Celeron N5105 processor and Windows 11 OS, which can perfectly match the customer's warehouse management system and be quickly applied to all sessions of the warehouse, helping to realize information layout and digital operation of the whole warehouse.

Long-endurance battery

EM-I10J is powered by dual batteries, and the large battery is hot-swappable, which supplies uninterrupted use to guarantee the continuity of customers' warehouse operations.

Rich accessories matching

Rich accessories provide diverse possibilities for the use of the EM-I10J tablet, like the vehicle mount for fixing the tablet on forklifts, vehicle adapter, stylus, and other accessories for fully meeting the warehouse staff's needs.

Designed for harsh environment

The stable operation performance in low temperatures of -20 degrees Celsius of the EM-I10J rugged tablet PC guarantees that it can handle forklift transportation operations in a freezer environment. In addition, its IP65 and MIL-STD-810G certifications ensure it will not easily crash even in dusty and violent vibration environments.

