PPT-120 Product design and use

1. Product design

- Operating system

  This terminal comes with a GUI operating system, and comes with more than 1000 APIs for use during the programming process. Standard C language is used for application development using a Microsoft Visual C++ environment. The terminal also includes a PC-based emulation tool so that all applications can be first tested before transferring to the terminal, making the development process easier and faster.

- 1D barcode laser scanning engine

  This terminal uses a high-precision 1D barcode laser scanning engine and decoder that can read Code 39, Code 93, Code 128, EAN 128, Interleaved 2 of 5, UPC A, UPC E, EAN 8, EAN 13, Codabar, MSI Plessey and other codes. The engine can also read high-density, low PCS, long and other barcode types, depending on the user's needs.

- Bluetooth wireless communications

  The terminal feature Class 1 Bluetooth wireless technology, with a transmission range of 100 meters. Bluetooth's FHSS technology allows the signal to hop 1600 times per second, ensuring excellent resistance to signal interference, even if used in a noisy environment.

- IrDA communications

  The terminal is equipped with a standard IrDA interface which can be used to transfer data between the terminal and a PC or other equipment.

- UART communications

  The terminal also has a standard UART interface for communicating with a host computer.

2. Product use

The terminal comes with a GUI operating system, and a built-in barcode laser scanner engine and decoder that reads multiple types of 1D barcodes. Additionally, a quality precision high-endlevelsophisticated development tool allows developers to easily create applications specifically for their target industries. Data captured by the user can be saved in the terminal's built-in memory, and later synchronized with a database server via the IrDA or UART interface. Or, use the terminal's Bluetooth wireless technology to send data to the host instantly, allowing databases or reports to be updated in real time.