DLC800U

UHF + 2D Barcode

Terminal

DLC800U designed specifically for the "hold and carry" activities of the postal, field service, transportation, asset tracking, and commercial delivery worker tasked with delivering high levels of customer service all day long, the lightweight, multi-function terminal eliminates the need to carry and manage different devices such as cell phones, digital cameras and document scanners reducing operational costs, and improving service quality, accuracy and responsiveness.

DLC800U has been designed to provide Long-Range Reading for UHF ISO18000 tags and labels. This terminal has an outstanding reading performance with distances of up to 3m.

One pc design makes the terminal easy to carry as well as light weight. Build in modular communication signal and reading module allow user to optimize the daily data capturing and transmitting process.

Supports a Range of Applications

Traditionally RFID devices would only support one ISO standard, requiring a different device for each application, but now, this one device does it all, supporting multiple applications in the same organisation.

Nowadays, it is a must-go trend of applying RFID technology to work with traditional barcode System in the Onsite environment; that is, the way is even more safe to reduce vital mistakes happened during data transfer. The DLC800U is especially designed for onsite application and capability both RFID/2D readers. For example, staff in the field would have an identification bracelet carried both RFID tag and 2D barcode to ensure all working procedures; such as delivery, order taking , asset tracking are treated to the correct person, correct place and correct time.

Seamless RFID Integration

Supporting Microsoft SQL Server compact, the DLC800U allows end users to synchronise RFID data with existing business systems and databases. Support for online and offline application enables easier management of wireless devices, decreasing cost and time of deployment.

Bluetooth® **Wi-Fi CERTIFIED** **RFid**

DLC800U is a mobile computer that it reads UHF RFID as well as 2D barcode tags. It's read range can reach up to 3M for RFID when it operates at open air environment.

- It is the best handheld reader in the market. It's using P1312 inner-board design; build in WIFI, Bluetooth, and Radio Frequency reader

- Low power consumption with smart power management Module. It can expand out Camera, serial port, GPS, Touch, Voice Frequency interface.

- This handheld reader has sound effect built-in stereo speaker output.

- 3.2" TFT Touch Screen, USB port, SPI port, UART port, IIC port,

- TF card of bulk memory,28 keys keyboard input, Blue Wireless Communication, WIFI communication, and can expand Infrared Wireless Communication,

- ZIGBE Wireless Communication, One or Two dimensional Barcode scanning, GPS Location, cellular phone and messages Functions, GPRS in net, PSAM Card Encryption.

- Software Driver: the preloaded software and device driver can meet high efficiently development requirements.

Specification:

-- CPU: Samsung S3C2440A,Main Freqency:400MHZ

-- SDRAM STORE:512Mb SDRAM; 32bit

-- Flash Memory (Low Power Consumption MCP):1Gb

-- Operating System: Microsoft WinCE 5.0

-- Stereo Audio

-- Display Screen: Touch Entry, 240×320 ,65K Colours, 3.2 Inches QVGA Display Screen

-- 28 key and side of four key

-- User Port: USB Port

-- RFID Function:

-- UHF:902-928M,ISO18000-6C(EPC G2)or ISO-18000-6B ,Steady operating range 3M

-- PSAM Card, Support PSAM9600,PSAM38400

-- Barcode Function 2D

-- Camera

-- Wireless Communication: WiFi, BT, GPRS

-- 3mA Low-Low battery life; 300mA charging current.

-- Plug USB or 5v adapter can charging battery.

Local System Supplier:

Malaysia: ALC-TECH (M) SDN BHD Tel: 03-62801650 sales-kl@alcglobal.com

Singapore: ALC TECHNOLOGIES PTE LTD Tel: 02-63541650 sales@alcglobal.com

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