MANGO C500 Manual

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

UNIBOX INC.

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Preface

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Disclaimer

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Documentation Classifications

In order to assist in this use of this product, UNIBOX INC. provides the following types of documentation:

n   For quick set-up of the product, read the Quick Installation Guide included with the product.

n   For detailed product information, carefully read the User's Manual.

n   For instructions on how to use UNIBOX INC.'s unique features, read or download the information on/from the Support and Download on our website.

For product-related information, check on our website at: http://www.unibox.com.cn

Important Safety Instructions

■ Read, retain, and follow all instructions. Heed all warnings.

■ Only connect the electric line cord to an earth grounded AC receptacle in accordance with the voltage and frequency ratings listed under INPUT POWER on the rear panel of this product.

■ This product may be equipped with a polarized plug (one blade wider than the other). This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of this plug.

■ Protect the power cord from being pinched or abraded.

■ This product should be serviced by qualified service personnel when: the power supply cord or the plug has been damaged; or objects have fallen, or liquid has been spilled onto the product; or the product has been exposed to rain; or the product does not appear to operate normally or exhibits a marked change in performance; or the product has been dropped, or the enclosure damaged.

■ The power supply cord of this product should be unplugged from the outlet when left unused for a long period of time, or during electrical storms.

■ CAUTION: No user serviceable parts inside, refer servicing to qualified personnel only.

■ Ethernet Instruction " This equipment is indoor use and all the communication wirings are limited to inside of the building" or similar texts.

1 Specification

Kiosk Specifications

CAPACITY
- 498 disks

SIZE
- Dimensions(mm) : 670x600x1400
- Footprint(ft²) : 4.3

WEIGHT
- 160Kg
- 190Kg(w/full load)

SCREEN
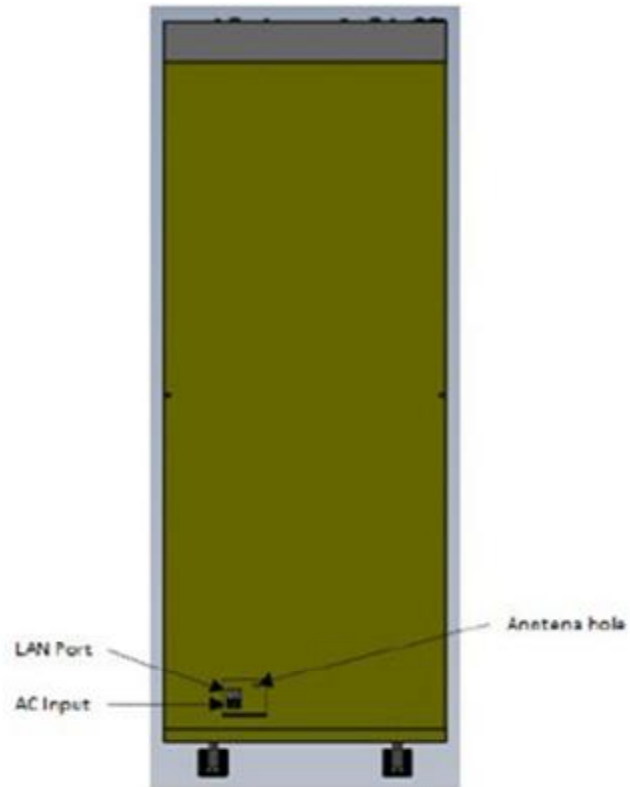- Tempered-glass 17" infrared touch screen LCD

INTERNAL DEVICE
- RFID Reader
- Magnetic Strip card reader
- Movement controlled by step motor
- Computer : Quard Core 1.99Ghz
- Uninterrupted Power Supply (UPS)
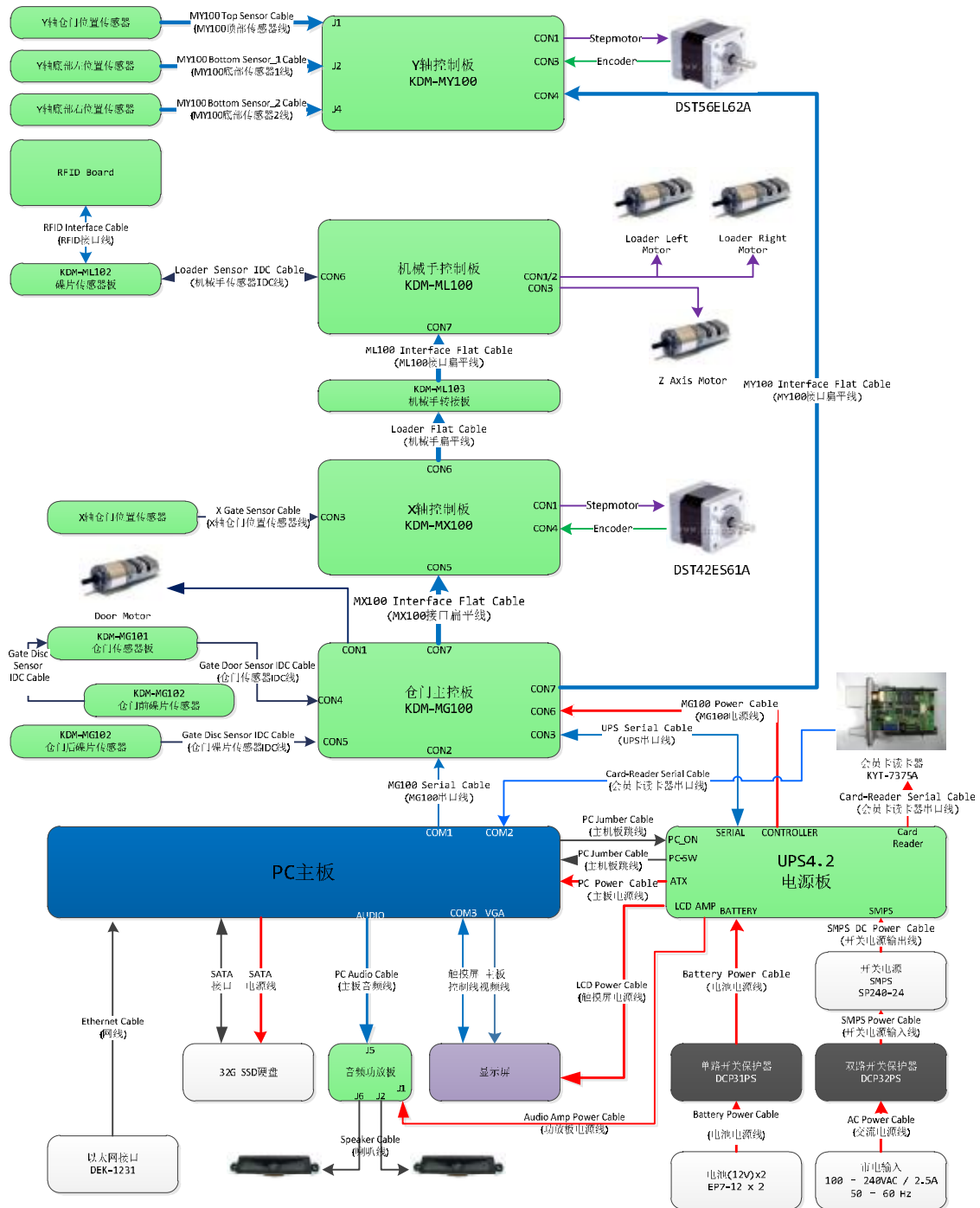- Stereo Speaker

2 Layout

2.1 Kiosk front view

Disc Door
17" LCD TOUCH
Card Reader
BODY
Wheel

2.2 Kiosk rear view

LAN Port

AC Input

Anetena hole

3 Block Diagram

3.1 Block Diagram

3.2 Operational Description

First you shall connect the AC power to the Mango-C500 Kiosk, when the AC power on, the Kiosk's system will be booted by the UPS board. The UPS board will be turn on the power of motor, controller, PC mother board and monitor step by step. After the Kiosk booted, run the 'controller.exe' or the 'rental.exe' application, do the relative operation and insert a disc with RFID label, the RFID will be work and automatically read the RFID code.

Table 3-2 RFID Reader module

SIZE	70mm*110mm
Based on the IC	TRH033M
Supports Protocol	ISO/IEC 14443 A,B, ISO/IEC 15693, Felica
Microcontroller	ATmega48pa 16MHz
Antenna	On board HF Loop antenna
Modulation Type	OOK
Operation Frequency	13.56MHz
Operating Temperature	-20 ~ 65°C

4 Operating Environment

AC POWER: 110V Hz 60Hz/220V 50Hz
ENVIRONMENT: Indoor

This chapter describes the operating environment, the UNIBOX will want.
11a Operating Environment" document, make sure the details.

5 Installation

This chapter contains instructions for installing the UNIBOXs will want to.
- ■ How to unpack boxes of wood packaging.
- ■ How to install the UNIBOX.
- ■ How to reinstall after the relocation.
- ■ How to Internet Connection.
- ■ How to Internet Connection.
- ■ How to set up a remote support tool.

"13a - Installation.doc" detailed description of the above documents are
"13a - Installation.doc" refer to the document.

6 Calibration

Before the Mango-C500 Kiosk sale to the customer, the calibrations shall be completed. The following options are needed to calibrate:

n   BIOS system time calibration
n   Touch monitor calibration
n   Gate position calibration
n   All disc slot calibration

7 UNIBOX Software

In this chapter the software needed to operate a UNIBOX in the methods of operation are described.

■ Software architecture description

■ A description of the device driver

■ A description of UNIBOX applications

■ Customization config file is an explanation of how.

For more information, "21a - UNIBOX Software.docx" is described in detail in the document.

8 Customer Website

For more information, see " Contact Us"

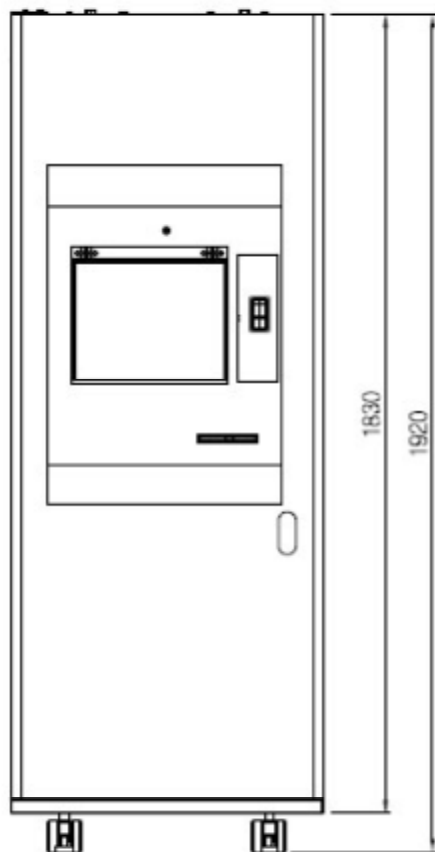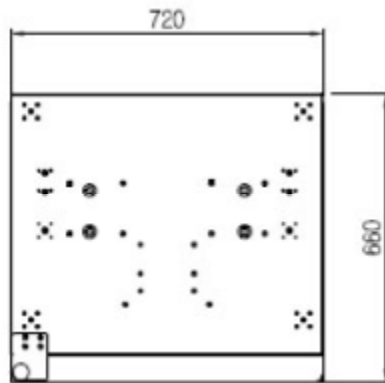In this chapter, and customers using the web to explain how to set up.

This customer web is for reference. If you want to modify it your way, UNIBOX will advise how to interface with UNIBOX's system.

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9 Management Website

10 SIZE PICTURE

HDM600 DIMENSION

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