ADPOP User Manual

1. The outline of the product

: This product is activated and a smart-commerce industry, ADPOP terminal can issue coupons as well as food orders, billing, merchants used to promote multi-functional payment information system.
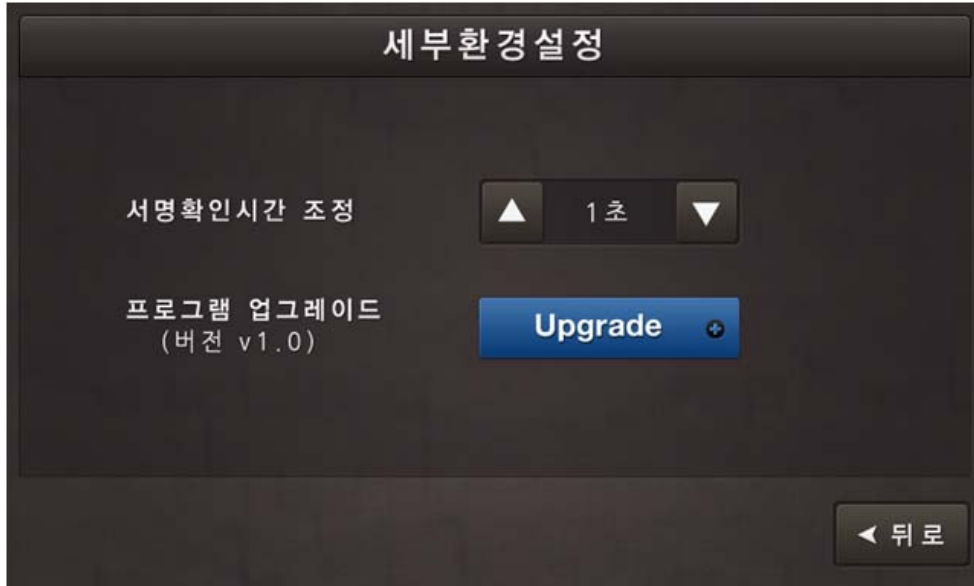
2. How to use the product

A. Configuration

User can configure settings by clicking setting button.

b. Configuration details

c. Connecting Web browsing to Credit Company

: Selecting credit company.

connecting web page of Credit company

d. Credit card payment

Payment is done by signing and clicking confirmation button

e. Other functions

► Video Player
► Camera

3. Product features

NFC technology is applied various field. In terms of smart commerce,
NFC are used to NFC advertising, mobile payments, events.
raising local merchant coupons and promotion are possible by using
self-developed application.

4. Specifications

ADPOP SPECIFICATION

항 목	품명 및 기능	세부 기능 및 스펙	비 고
Main Processor	CLM9721	Clock 800 MHz	Cortex-A8
		Video	Full HD (1080p) Encoding / Decodeing
			2D / 3D Graphic Engine (support OpenGL-ES 2.0/OpenVG 1.0)
		Audio decoding	MP3 / AAC / AAC+ / WMA / OGG / BSAC / RA / MUSICAM / AC3 / DTS
		Audio encoding	MP3 / AAC / AAC+
		Video decoding	MPEG2 / MPEG4 / H.264 / WMV / RV / Divx 1080p@30fps / 720o
		Video encoding	MPEG4 / H.264 1080p@30fps / 720p
		Display controller	Include OSD function
		LCD module interface	80-type / RGB-type interface for display data output to LCD module
		Memory interface	mobile DDR, DDR2, NAND and NOR
		USB interface	USB2.0 HS compliant DEVICE and HOST interface
Memory Card	Micro SD	SDHC 지원	
AUDIO CODEC	ALC5623	I2S AUDIO CODEC	BTL MONO-OUT
AUDIO AMP	HT82V733	High SNR	Class AB Mono Speaker driver contained
ETHERNET	DM9000A	10/100 Base	Integrated 10/100M transceiver with AUTO-MDIX
Wifi	WM-294	WLAN 11n USB	IEEE802.11n / Data rates up to 150Mbps
Touch Controller	GT106M	Capacitive touch sensor	6 channels cap. Sensing / Embedded GreenTouch Engine
Serial	ST3222EBPR	RS-232 DRIVERS	250Kbps Minimum grarenteed data rate
USB to Serial	CP2103	USB to UART Bridge	USB Specification 2.0 compliant full-speed (12Mbps)
TFT-LCD	LB07004	7" color TFT-LCD	800 * 480 resolution / R.G.B interface / 320cd/m²
Touch panel		4-wire type	
NFC	PN512 Module	Transmission module	- Reader/Writer mode supporting ISO/IEC 14443A/MIFARE and FeliCa. - Reader/Writer mode supporting ISO/IEC 14443B - Card Operation mode supporting ISO/IEC 14443A/MIFARE and FeliCa. - NFCIP-1 mode
CAMERA	CW3033	3 Mpixel CMOS	MIPI Interface / 1/5" hynix sensor
Power	Adaptor	5V / 2A	SMPS

5. A/S

Address : 3rd floor, Kolon building, 9-1, Dangsandong 1-ga, Yeongdeungpogu,
Seoul, Korea 150-800

Tel : 82-2-2676-4238

FCC Information to User

This equipment has been tested and found to comply with the limits for a Class B 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 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 con-nected.

• Consult the dealer or an experienced radio/TV technician for help.

Caution

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance Information : 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

IMPORTANT NOTE:

FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IMPORTANT Safety Instruction:

CAUTION

To reduce the risk of electric shock, do not remove the top cover (or the rear section). No user serviceable parts inside, refer servicing to qualified personnel.

This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure-voltage that may be sufficient to constitute a risk of sock.

This symbol, wherever it appears, alerts you to the important operating and maintenance instructions in the accompanying literature. Please read the manual.

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this equipment near water.

6) Do not using near any heat sources such as radiators, heat resisters, stove, or other equipment that produce heat.

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS