

SCMS1084R3 - 10.1" Smart CMS (Commercial Multimedia Service) System

Digital Signage/ Kiosk/ ePOS/ Panel Computing

- **Commercial multi-functional service system**
All-in-One design to fullfill various applications
can be applied to applications like digital signage, kiosk, ePOS, panel computing, integrated with Barcode scanner, NFC, HID, MSR
- **Full function CMS system with Octa-Core Cortex-A53 at 1.5GHz**
WiFi, Bluetooth embedded, and optional external WAN module supported
- **Enhanced Content Management & Central CPE Management**
features enabled
- **Glass mounted & Window mounted design for stylish decoration**
- **Reliable Digital Signage and Kiosk with P.Cap touch**
Store, super market, department store, museum, meeting room, public area,
- **ePOS for small store with BCR, MSR, NFC & Thermal printer**
Integrated MSR, NFC or Barcode scanner, plus external thermal printer for club, lounge, temporary store
- **Panel Computing for auto-control**
Meeting room, demo room, security applications, access control, surveillance system.....



Feature - enhanced Signage management

■ CMSWatch (remote SCMS devices management)

CMSWatch monitors the status of Smart CMS devices (Smart Commercial Multimedia Service/System) and manages its configuration. It does not provide CMS features, such as playlist management, scheduling, screen layout, and content creation.

CMSWatch can do -

- | | |
|---------------------|--|
| Device intelligence | - predictive maintenance |
| Player management | - Heart beat / Screenshot
Troubleshooting / Configuration |
| Technical support | - most of time spent in collecting
device activities logs |

CMSWatch key features -

- User-intuitive interface for player status management
- watch what is playing on the remote players
- Remotely configure SCMS or update firmware

■ CMSExpress (local SCMS devices content management)

CMSExpress is a bundle CMS software with all SCMS* (Smart CMS) devices – an elementary, easy-to-use tool that everyone can leverage for simple demonstration, concept development and a quick run-through of all SCMS models within same LAN to ensure all hardware specs are in place

CMSExpress features -

- A simple software to building presentation
- It is flexible to build various types of presentation.
- Auto-discovery all SCMS devices within the same LAN,.

CMSExpress advanced features -

- Update firmware on remote SCMS devices
- Configure remote SCMS devices
- Manage display on/off on remote SCMS devices
- Manage bar light of remote SCMS devices
- To synchronize playback content on all devices in same play list.




Specification I

ITEM	DETAILED		
System			
SOC	RK3368, Octa-Core Cortex-A53 CPU; up to 1.5GHz		/ PowerVR G6110 GPU
	1080P multi format video decoding (H.265 and VP9)		/ 1080P video encoding for H.264 and VP8
OS	Android 7.0		
Display	10.1" (16:9) WXGA 1280* 800 TFT LCD display		/ 10 points Projected Capacitive Touch Screen
Memory	2GB DDR3 (1GB optional)	/ 8GB eMMC (16/32GB option)	/ SD slot (SDHC class 10 compatible)
Connectivity			
WWAN	External 3G/4G dongle (optional)		/ via USB port
WiFi	WiFi 802.11 b/g/n		/ WiFi 802.11 b/g/n/ac (customized optional, to be discussed)
Bluetooth	BT 4.0		/ BT 4.1 (customized optional, to be discussed)
LAN	RJ45 Ethernet, 10/100BaseT		/ POE (optional)
IR Remote Control	(customized optional, to be discussed)		
GPS	-		(customized optional, to be discussed)
Peripherals			
Camera	Front: 2.0 / 5.0 MP camera		(optional, to be discussed)
Audio	3.5mm Headset + MIC jack* 1	/ Embedded MIC* 1	/ Integrated speaker 8Ω / 3W* 2; Amplifier 2.1W + 2.1W
Barcode Scanner	2D barcode scanner engine (embedded optional)		
Sensor	G Sensor		
Other H/W	Vesa 75 mount: Metal-fittings mounting screw hole places		
Functional keys	(Vol+ / Vol-) / (UP / Down) / Exit		/ Power switch
Optional Module	2D/1D barcode reader		/ Symbols or Newland EM2037
	NFC module		
	MSR Reader		To be discussed for requirement
	External (BT/ USB) thermal printer		
	External (BT/ USB) Smart Card Reader		
I/O Ports			
USB Port	USB 2.0 host (480MHz), type A female connector Micro USB 2.0 (480MHz), type C female connector		/ Support up to 64GB U-Disk
SD card Slot	SD slot (SDHC class 10 compatible)	* 1	/ under upper cover
HDMI Port	-		(customized optional, to be discussed)
RS232	on board	* 1	/ under cover
GPIO port	on board	* 1	/ under cover
Expansion Slot	POGO-PIN, USB 2.0 (480MHz)	* 2	/ Support up to two modules (MSR/ NFC) working concurrently
DC-In	3.5mm DC-In jack, 12V/ 2A max.	* 1	

Specification II

ITEM	DETAILED		
Multimedia			
Video	Real-Time video decoder of MPEG-1, MPEG-2, MPEG-, H.263, H.264, AVS, VC-1, VP8, MVC		
Audio	MP1,2,3, WMA, WAV, APE, OGG, FLAC, AAC		
Picture	JPG, JPEG, BMP, GIF, PNG		
Power Supply			Power Supply ON: Green
Clock Battery	Lithium-ion non-rechargeable coin battery for RTC		
Power supply	AC 100-240Vac, 50-60Hz	/ DC input : 12V±5%, 2A Max.	
Power consumption	1KHz audio playback etc. about 18W max., OFF: 0W		
LED Indicator	LED* 1 : Booring : Red	/ Power Supply ON: Green	/ Power Supply Off: LED Off
Mechanical & Environmental			
Dimension / Wight	252* 177.8* 26 mm	/ Weight : 500g	/ Material : PC + ABS plastic
Vesa Mount holes	Metal fittering Mount Screw holes: 75* 75 mm		
Operating Temp.	- 0°C ~ 40°C (32°F ~ 104°F)		
Storage Temp.	- 20°C ~ 60°C (-4°F ~ 140°F)		
Operating Humidity	20% ~ 70% (40°C)		
Sealing	IP54 in front panel		
Regulation Compliance	FCC certified (Pending)	/ CE (to be discussed)	/ ROHS complied
	TELEC (to be discussed)	/ PSE (Power adapter, ok)	/ CCC (pending)
Default Accessory	AC 100~240Vac, 50~60Hz; DC 12V/2A, AC/DC Adapter & power cord (170g +/- 5g if with US type)		/ Brown box
Packaging	1PCS packaging box :	Dimension: 360* 235* 50 mm	/ Weight: 1,020g +/- 10g (box + device + power adpater & cord)
	5PCS packaging box	Dimension: 370* 280* 260 mm	/ Weight: 5,370g +/- 50g (5 sets contained)





Physical Specification



Application Concept I - Hospitality/Restaurant & ePOS



Preview menu in restaurant



ePOS



Self-ordering in restaurant



Entertainment/ Advertisement
Menu & Ordering in bar

Application Concept II - Digital Signage



In bus/train Digital Signage



In-Store marketing in fashion store



Digital Signage in Conf room



In-Store Digital Signage for product information



SCMS Family



Retailed-Store Digital Signage

Application Concept III - Digital Kiosk



Exhibition Registration/ Internet kiosk



Kiosk Listing



Remote Kiosk/ Signage



Electronic Kiosk in Information Station



SCMS Family

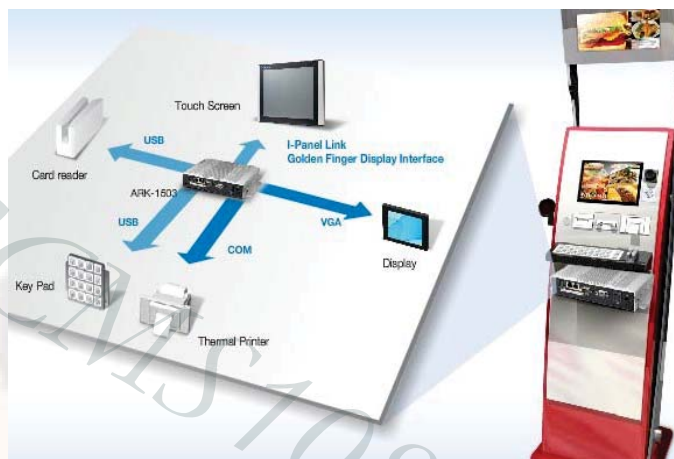


In-Store marketing at touch display

Application Concept IV - Panel Computing



Commercial Controller



Kiosk Controller



Building Automation & Security



In-Station e-Ticketing



Touch & Control your Digital Life



Smart Home & Surveillance