

10.1” Digital Signage Display

Model: CP-12



Note: Information and specification are subject to change without prior notice

Basic Specification

Display	TFT LCD	10.1'' (16:10 diagonal) inch configuration
	Number of Pixel	1280 RGB (H) x 800(V)
	Back-light	LED Side-light type
Media format	Video	MKV, TS, FLV, AVI, VOB, MPG, DAT, ASF, RM, MOV, 3GP, MP4, WMV
	Audio	MP2, WMA, WAV, AAC, OGG, ASF
	Picture	JPG, BMP, GIF
I/O	SD card slot	SD card (SDHC Class10 compatible)
	USB	USB 2.0 host type A×1
	Micro USB	Micro USB 2.0 × 1
	Add-on Module Slot	USB 2.0 x 3
Speaker	High quality speaker	3W×2
Power	AC/DC adapter	12V/2A AC/DC adapter
Wireless Communication	Wi-Fi	802.11 b/g/n (optional)
	Bluetooth	BT4.0 (optional)
Ethernet	RJ45	10/100Mbps LAN
	POE	Power Over Ethernet (optional)
Camera	Front	Front: 5M pixels (optional)
Function keys	Key button	+, -, Up, Down, Exit

Detail Specification

Hardware

CPU

- Cortex-A9, Quad Core, up to 1.6 GHz

GPU

- Mali400, up to 600MHz

System Memory

- 2GB DDR3 SDRAM

Internal Storage Memory

- 8GB eMMC

External Storage Memory

- SD Card (SDHC Class10 compatible)

LCD

- 10.1” 1280X800 digital TFT LCD

Touch Panel Type

- 5 point capacitive multi-touch type

Amplifier, Speaker

- Speaker unit: 3W+3W
- Amplifier 2.1W+2.1W
- Save the set-up volume and keep the value at the time of power off and on.

Clock Battery (for RTC)

- Lithium-ion non-rechargeable coin battery

LED

- [power supply ON] , and [power supply OFF] modes are supported.
- Power supply ON: Red then turn Green after kernel boot up. –
Power supply OFF: LED light off

Wireless Communication Specification

- Wi-Fi : IEEE 802.11b/g/n (optional)
- Bluetooth (optional)

Ethernet Communication Specification

- 10/100Mbps LAN RJ45 built-in
- POE (optional)

External Interface

- SD card slot
- Key button (+, -, Up, Down, Exit)
- USB interface:
 - USB host type A port (USB 2.0 high speed 480Mbps) x 1
 - Micro USB port (USB 2.0 high speed 480Mbps) x 1
 - Add-on Module slot (USB 2.0 interface high speed 480Mbps) x 3
- Ethernet RJ45 10/100Mbps connector
- Power switch
- AC adapter port
- Metal-fittings mounting screw holes: 75x75mm VESA mount
- Headset audio port

Case Outlook

- Front



1. Camera (optional)

- Top



2. LED
3. SD card slot + cover
4. Exit button
5. Function keys (up/down)
6. Function keys (Vol+ / Vol-)

- Back



- 7. Speakers
- 8. VESA mounting holes (75x75mm)
- 9. DC in
- 10. Add-on Module Slot

- Bottom



- 9. DC in
- 10. Add-on Module Slot
- 11. Ethernet RJ45 port
- 12. USB type A
- 13. Micro USB
- 14. Power switch

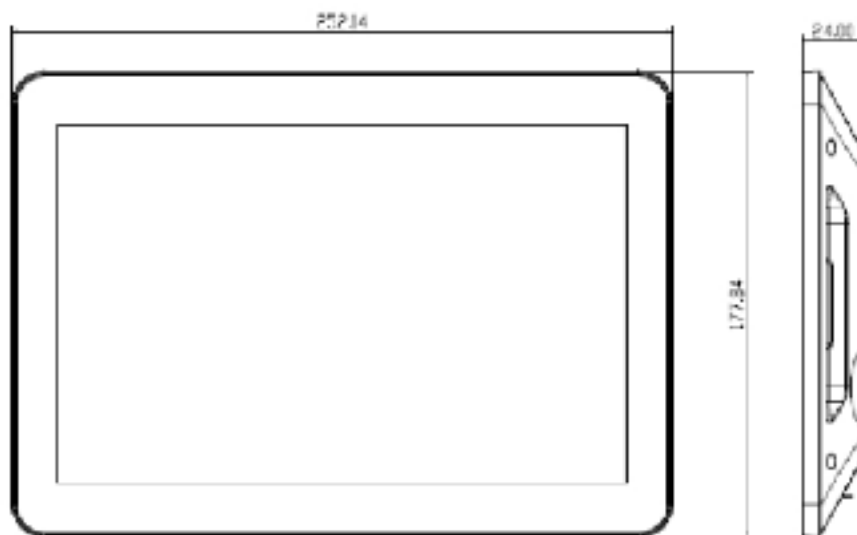
-Left



15. Headphone audio port

Case Dimensions

- The case dimension:
Width: 252.14mm
Height: 177.84mm
Depth: 24.0mm



Weight

- 594.3g (main body only, excluding AC adapter and metal bracket)

Housing Design

- Body and cover are in black color.

Housing Material

- Body: ABS+PC

Power

- CE, FCC certified
- Power consumption: 1KHz audio playback etc. about 18W max., OFF 0W
- Input power spec.: AC 100–240Vac, 2A max. 50–60Hz, DC 12V±5%

Environmental Correspondence

- ROHS

Shipment Form

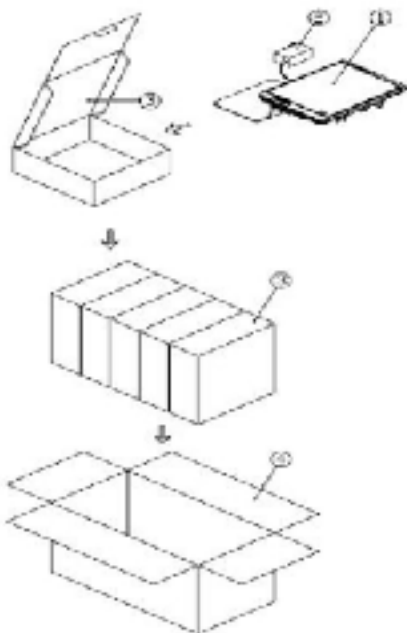
- Appended goods



- AC adapter,
- Mounting bracket (screwed on body, optional),

Packaging Specification (estimation)

- 1PCS packaging box dimension: (L)360mm x (W)235mm x (H)50mm
- 5PCS carton dimension: (L)370mm x (W)290mm x (H)260mm



1. Main body
2. AC adapter
3. 1PCS packaging box
4. 5PCS packaging carton

Software

OS

– Android 4.4.x, Kitkat.

Pre-installed Applications

VBell CP-12 Current Pre-install App List	
App name	Description
BasicDreams.apk	Screensaver
Browser.apk	Android default Browser
Calculator.apk	Calculator
Calendar.apk	Calendar
Camera2.apk	Android Camera
CertInstaller.apk	Certificate Services
DeskClock.apk	Take alarm clock
DocumentsUI.apk	Document manager
DownloadProviderUi.apk	download management UI
Email.apk	Android default E-mail
Exchange2.apk	E-mail service
Galaxy4.apk	Live Wallpaper
Gallery2.apk	View Pictures
HTMLViewer.apk	HTML explorer
HoloSpiralWallpaper.apk	Wallpaper
KeyChain.apk	Key authentication
LatinIME.apk	Latin IME
Launcher3.apk	Native desktop
LiveWallpapers.apk	Live Wallpapers
LiveWallpapersPicker.apk	Live Wallpaper
MagicSmokeWallpapers.apk	The application of the wallpaper
MediaFloat.apk	Media
Music.apk	Music
NoiseField.apk	Live Wallpapers of Bubbles
OpenWnn.apk	Japanese IME
PacProcessor.apk	Connection
PackageInstaller.apk	Installs apps – non-market
PhaseBeam.apk	Live Wallpaper app
PhotoTable.apk	Live Wallpaper
PicoTts.apk	Text speech convert engine
PinyinIME.apk	Pinyin IME
PrintSpooler.apk	Print spooler

Provision.apk	Boot loader program
QuickSearchBox.apk	Quick Search Box
RKUpdateService.apk	Update service
RkApkinstaller.apk	APK installer
RkExplorer.apk	File explorer
RkVideoPlayer.apk	Video player
SoundRecorder.apk	sound recorder
Stk.apk	Sim Card
StressTest.apk	Service for stress test
TelephonyProvider.apk	Dial-up records storage service
UserDictionaryProvider.apk	The user data dictionary service
VideoEditor.apk	Movie Studio
VisualizationWallpapers.apk	Visualization Wall papers
WAPPushManager.apk	Tethering connectivity

Playback Format Support

Video	mp4, mpg, mpeg, avi, wmv, mov, 3gp
Image	jpg, png, bmp