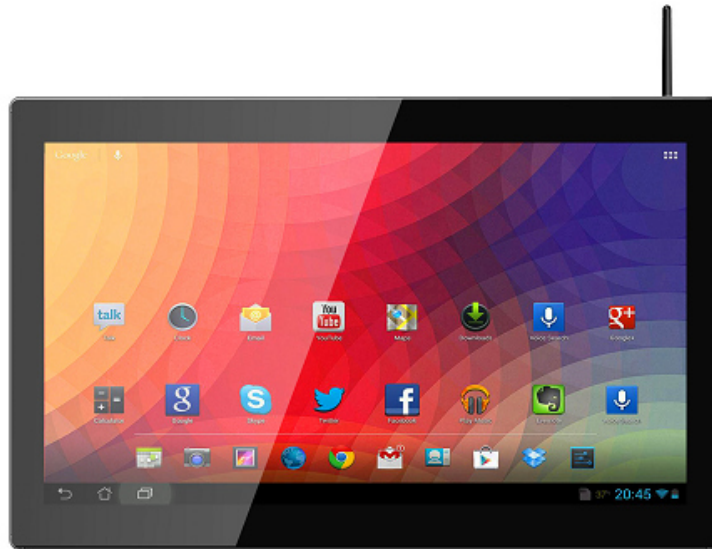


LONGSHINE Technologie GmbH

32" Android Digital Signage

Model: LCS-32P

Version 0.1-20150615



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

Basic Specifications:

Display	TFT LCD	31.5" (16:9 diagonal) inch configuration, 350 nits
	Number of Pixel	1920 (H) x 1080 (V)
	Back-light	LED Side-light type
Media format	Video	MKV, TS, FLV, AVI, VOB, MPG, DAT, ASF, RM, MOV, 3GP, MP4, WMV
	Audio	MP1, MP2, WMA, WAV, AAC, OGG, APE, FLAC
	Picture	JPG, BMP, GIF, JPEG, PNG
I/O	SD card slot	SD card (SDHC Class10 compatible)
	USB	USB 2.0 host type A×2
	Micro USB	Micro USB 2.0 OTG × 1
	Add-on Module Slot	N/A
Speaker	High quality speaker	3W×2
Power	AC/DC adapter	12V/5A AC/DC adapter
Wireless Communication	Wi-Fi	802.11 b/g/n (optional)
	Bluetooth	Bluetooth 4.0 (optional)
Ethernet	RJ45	10/100Mbps LAN
RS232	RS232	RS232 x 2 (in RJ45 connector form)
Camera	Front	Front: 2M pixels (optional)
Audio	Audio	Headset + microphone jack x 1
		S/PDIF out x 1
Function keys	Key button	Vol+, Vol -, Up, Down, Exit/Enter (when in recovery mode)

Hardware:**CPU**

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

System Memory

- 2GB DDR3 SDRAM

Internal Storage Memory

- 8GB~16GB eMMC

External Storage Memory

- SD Card (SDHC Class10 compatible)
(under the metal back cover)

LCD

- 31.5" 1920X1080 digital TFT LCD

Touch Panel Type

- 2 point capacitive multi-touch type

Amplifier, Speaker

- Speaker unit: 3W+3W
- Amplifier 3W+3W
- 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 4.0 (optional)

Ethernet Communication Specification

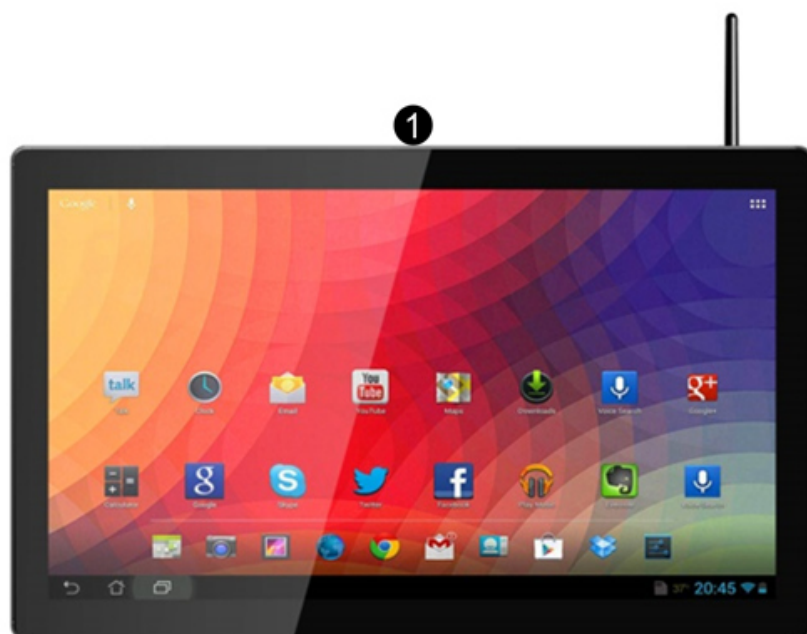
- 10/100Mbps LAN RJ45 built-in

External Interface

- Key button (vol+, vol-, Up, Down, Exit/Enter (when in recovery mode))
- USB interface:
 - USB host type A port (USB 2.0 high speed 480Mbps) x 2
 - Micro USB port (USB 2.0 OTG) x 1
- Ethernet RJ45 10/100Mbps connector x 1
- RS232 x 2 (in RJ45 connector form)
- Power slide switch
- AC adapter port
- VESA mount (100x100 mm, 200x100mm)
- Headset + MIC port
- S/PDIF out

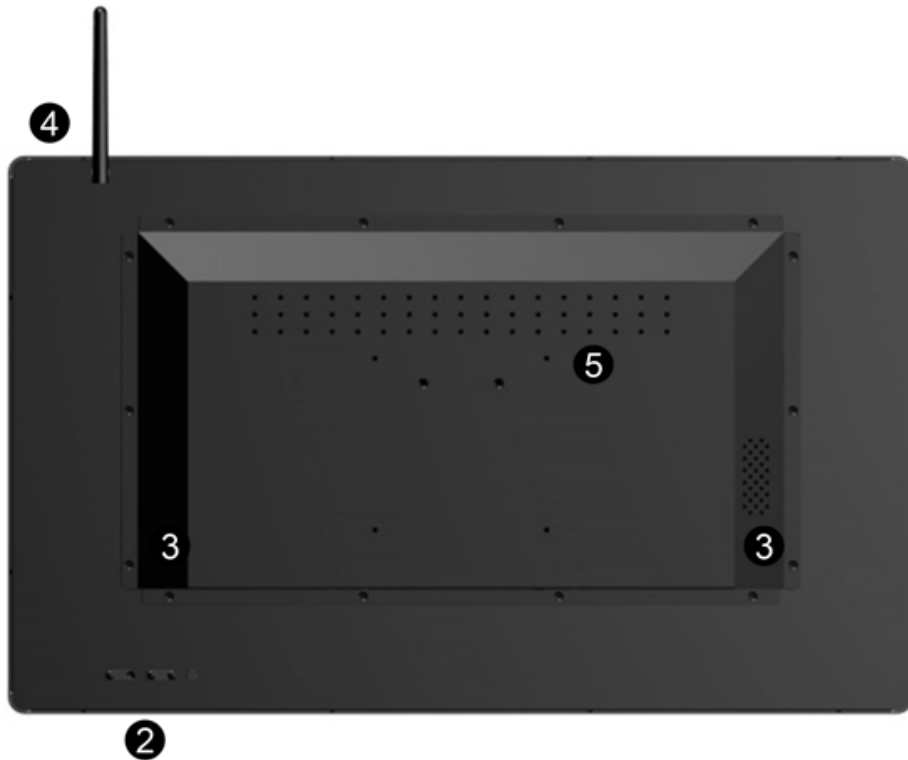
Case Outlook

- Front



1. Camera (optional)

- Back



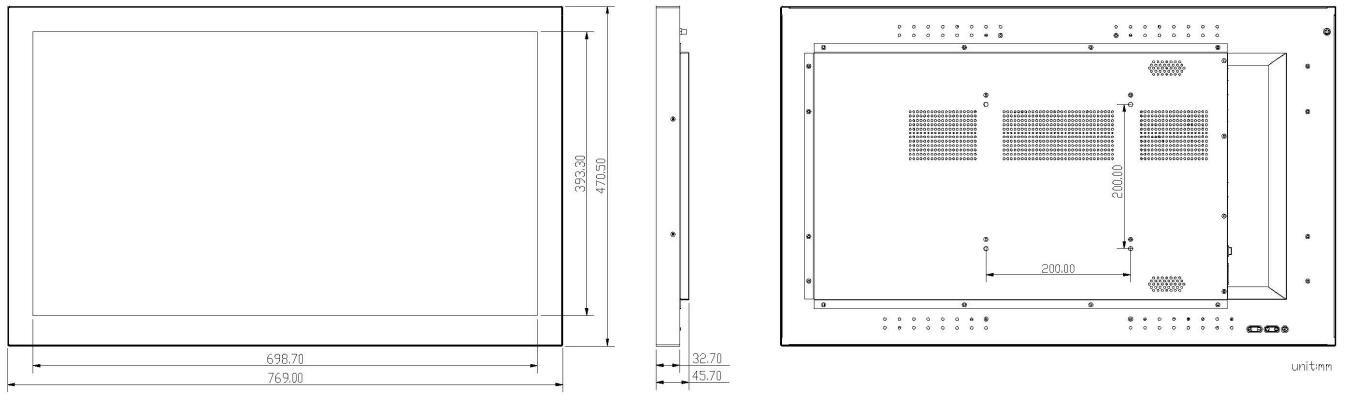
- 2. Function keys (Vol+, Vol -, Up, Down, Exit)
- 3. Speakers
- 4. External WiFi antenna
- 5. VESA mount holes (100x100mm, 200x100mm)

- Bottom



- 4. External WiFi antenna
- 6. USB ports
- 7. RS232 x 2 (in RJ45 connector form)
- 8. Micro USB port
- 9. S/PDIF out
- 10. Headset+Microphone Jack
- 11. Ethernet RJ45 10/100Mbps connector
- 12. DC-in
- 13. Power switch
- 14. LED (power indicator), IR receiver

Case Dimensions



- The case dimension:
Width: 769mm
Height: 470.5mm
Depth: 45.7mm

Weight

- TBA (main body only, excluding AC adapter)

Housing Design

- Body and cover are in black color.

Housing Material

- Body: Metal

Power

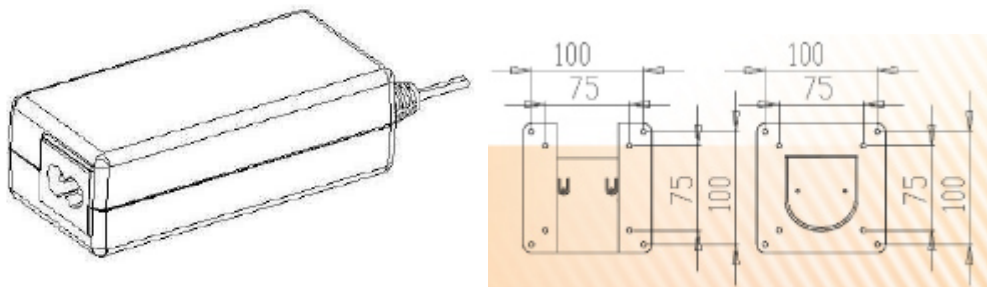
- CE, FCC certified (pending)
- Power consumption: 1KHz audio playback etc. about 18W max., OFF 0W
- Input power spec.: AC 100-240Vac, 5A max. 50-60Hz, DC 12V±5%

Environmental Correspondence

- ROHS

Shipment Form

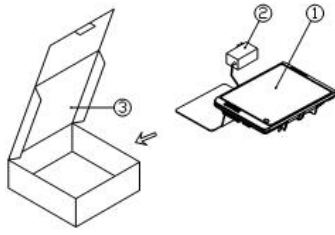
- Appended goods



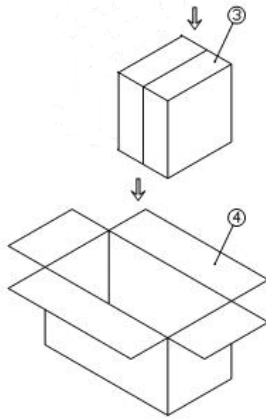
- AC adapter,
- Mounting bracket (screwed on body, optional),

Packaging Specification (estimation only, subject to change w/o prior notice)

- 1PCS packaging box dimension: (L) 807mm x(W) 659mm x(H) 213mm
- 2PCS carton dimension : (L) 1005mm x(W) 833mm x(H) 361mm



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



Software:**OS**

- Android 4.4, Kitkat

Pre-installed Applications

32P 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