

Advertising Terminal with Automatic Sanitizer Dispenser

21.5" Android



Version: A

Date:

Made by:

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1. Introduction

1.1 Description

The dispenser terminal integrates functions of advertising and waterless sanitizer dispensing to prevent from human indirect contact so that virus won't spread human by human. The advertising function extend the advertise broadcasting to persons who uses waterless sanitizer. The terminal perfectly be applicable for public situations, such as toilets, shopping mall, cinemas, theatre, schools etc.

Features

- To support dual LVDS displays;
- To support 2K HD video playing;
- To support HDMI channel with 4Kx2K @ 60Hz video input, FHD displaying;
- To support portrait/horizontal swift for videos / graphics / texts;

- To support full display CVBS output (externally optional);
- To support Ethernet / WIFI / 3G/4G (optional) connections and WOE function;
- To support dual UART connection (one is TTL and the other is DEBUG);
- To support timing switch function;
- To support TF card extendable with max. to 128GB;
- To support mobile phone screening function.

2. Specifications Description

2.1 Input Power

Input: AC 100-240V~ 50/60Hz 2A

2.2 Water/Dust Proof

IP protection level certification

2.3 Specifications

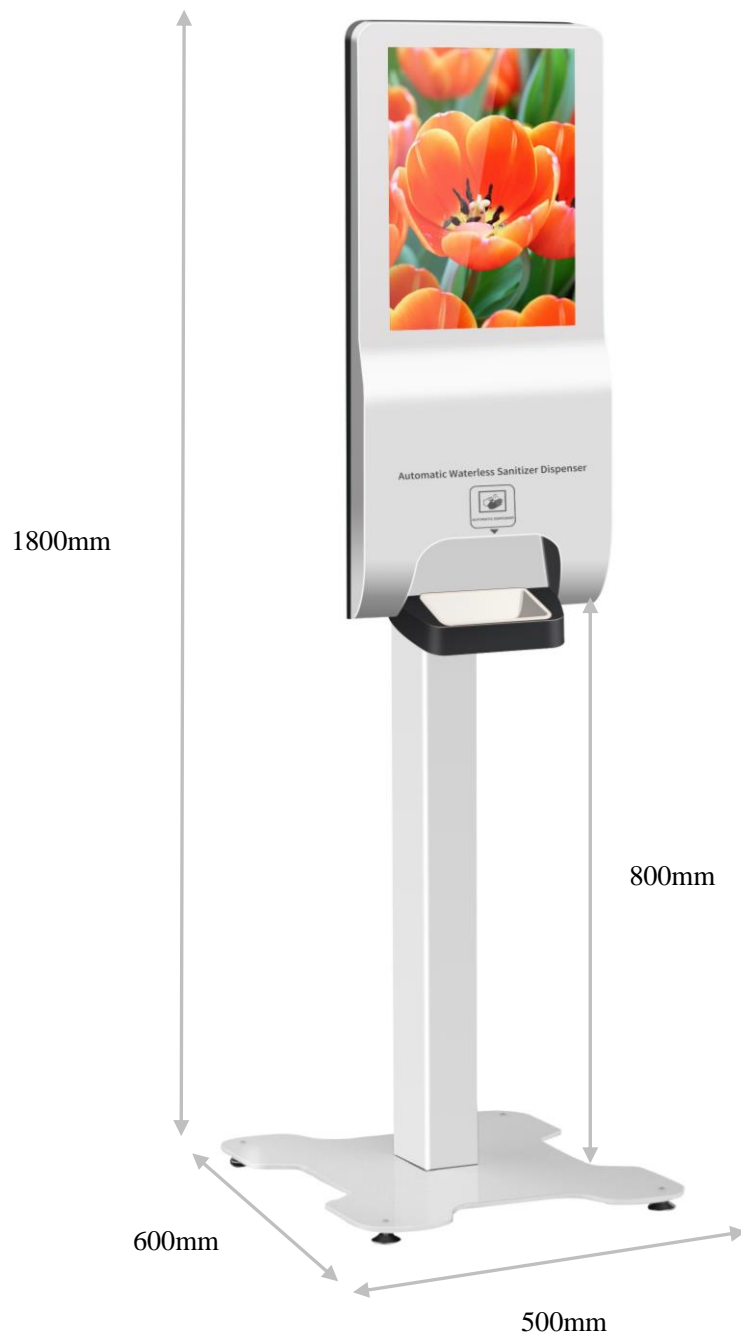
| ITEM | SPECIFICATION | |
|-------------|---|--|
| CPU | ARM Cortex A53 Dual Core, 64bit, 1.2GHz | |
| Chipset | Hi3751 V310 | |
| GPU | Mali-450 Quad-Core 3D GPU (supports OpenGL ES 2.0/1.1/1.0 OpenVG 1.1) | |
| RAM | 1GB DDR3 as standard | |
| Storage | 8GB | |
| OS | Android 4.4.2 | |
| Display | 21.5" TFT LCD, 1920 x 1080p, LVDS | |
| Video Input | Format | 480i, 576i |
| | Video System | PAL / NTSC / SECAM |
| | Video Level | 1.0 V _{P-P} +/- 5% |
| | HDMI | 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K2K |

| | | |
|---------------|---|---|
| | UART | TTL |
| | USB | MPEG 1/2, H.264, VC-1, MPEG-4 up to FHD |
| | TF-Card | (1920x1080), RM/RMVB up to 720P |
| Audio Input | CVBS Audio (L/R RCA input, 0.2 ~ 2.0 V _{RMS}) | |
| Audio Decode | Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS, DTS-HD, MPEG L1/L2, MP3, AAC_LC, HE_AACV2, LPCM, APE, FLAC, OggVorbis, ARM-NB, ARM-WB, G.711(u/a) | |
| Video Output | CVBS (format: 480i, 576i; video level: 1.0V _{P-P} +/- 5%) | |
| Audio Output | CVBS Audio | L/R RCA Output (250mV _{RMS} +/- 10%) |
| | Frequency Response | 100Hz ~ 15KHz @ +/-3dB (0dB reference signal at 1KHz) |
| | Max. Output Power | 2 x 8W (8ohm) THD+N < 10% @ 1KHz |
| Power | DC 12V (DC input) 3.3V / 5V / 12V (to panel) Standby Power Consumption < 0.5W | |
| Connection | WIFI | 802.11 b/g/n, built-in module optional, need ANT |
| | Ethernet | 10/100M auto-identification and DHCP, USB driver |
| | Data Network | 3G/4G |
| COMB Filter | 3D | |
| Deinterlace | 3D | |
| Work Temp. | -10 ~ 55°C | |
| Storage Temp. | -10 ~ 60°C | |

3. Parts & Sizes

3.1 Sizes





3.2 Parts in package



AC Power Cord



Manual/Guarantee Card

3.3 Transportation Environment

Temperature -20~60℃, Humidity 5%~85%RH
Vibration test - IEC60721-3-2 Class 2M2

3.4 Environment

Operating Environment: temperature 0~40℃, humidity 35%~85% RH, no condensation.
Storage Environment: temperature -10~50℃, humidity 15%~90% RH, no condensation.

3.5 Weight

Gross weight: 18.5KG

3.6 Package Sizes

Package sizes: 1160X290X470mm

4. Certification & Standard

Certifications: CCC / CB / CE

Static electricity level:

According to contact discharge: level 2

Comply with air discharge: level 3