

ZQ-SK20



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

Specifications

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 VP-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
	TF-Card	FHD (1920x1080), RM/RMVB up to 720P
Audio Input	CVBS Audio (L/R RCA input, 0.2 ~ 2.0 VRMS)	
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: 1.0VP-P±5%)	
Audio Output	CVBS Audio	L/R RCA Output (250mVRMS ± 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	



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