



55-inch Infrared Touch Content Management Screen

Embedded software: content management system software V1.6

TR-0755BT



Feature:

- *Supports customized display of program content through the information release system, supports playback of pictures, videos, audio, files and other material resources, and supports multiple audio and video encoding formats, picture formats, and file formats.
- *The program supports setting playback mode and schedule, such as periodic playback, continuous playback, interstitial playback, idle playback, etc. The program validity period can also be set.
- *The device supports timed power on/off tasks, timed restart tasks, and timed screen off tasks, which can be set to single, daily, custom and other modes.
- *The device supports interstitial subtitles (marquee), and supports customizing text content through the information release system, including text size, text background, text color, scrolling speed, and display position.
- *The device supports adjusting playback volume, device restart, device time synchronization, etc.
- *The screen is light-resistant, 1080P high-definition display, with high brightness and contrast.
- *The device supports touch interaction and supports wall-mounted horizontal and vertical screens to display promotional materials.

Specification:

Model	TR-0755BT
LCD screen	
Size	55"
Screen type	LED industrial LCD screen A grade
Display area	1209.8*680.4mm
Resolution	1920*1080
Brightness	≥500cd/m ²
Contrast	≥4000: 1
Response time	<5.5ms
Total color qty	16.7M (8-bit2 (LVDS) channel low voltage differential signal)
Refresh rate	50/60Hz
Viewing angle	Horizontal 178 degrees, vertical 178 degrees
Service lifespan	>60000 hours
Touch screen	
Touch screen type	Infrared touch technology (infrared multi-touch screen)
Response time	<5ms
Touch point qty	True 10-point touch
Touch effective recognition	>1.5mm (opaque objects such as fingers, styluses, etc.)
Scanning frequency	50scans/s
Scanning accuracy	4096×4096
Communication mode	Full speed USB2.0, 3.0
Theoretical click times	60 million times or more
Working current/voltage	180Ma/DC+5V±5%
Anti-light interference	Normally used when sunlight, incandescent lamp, fluorescent lamp, and other strong lights change
Touch data output method	Coordinate output
Surface hardness	Physically toughened Mohs Grade 7 explosion-proof glass
Operating system compatibility	Windows7 or Android
Drive	Drive-free, plug and play
Motherboard	
Processor	Standard: RK3288 quad-core Cortex-A17
RAM	Standard: 2G
Hard drive	Standard: 16G
GPU/graphics card	ARMMali-T764
Default operating system	Android5.1
Internet	Support Ethernet/Wireless WiFi
Interface	USB*2, HDMI*1, RJ45*1, audio/headphone*1
Other customization	System/systemAndroid5.1 supports root permissions, network wake-up, power-on self-start, Bluetooth, 4G, com serial port, etc.
Others	
Input power	AC110~240V 50/60Hz
Total power consumption	≤130W
Standby power consumption	<3W
Working temperature	0°C-38°C
Working humidity	10%-95%
Storage temperature	0°C-40°C
Storage humidity	10%-95%
Net weight (bare metal)	39kg
Gross weight (package)	40kg