

DT4004D04

All-in-One Controller

Specifications

Summary

DT4004D04 supports wireless screen mirroring from Windows, macOS, iOS and Android terminals. For a standard 1080p video, the mirroring transmission is at up to 60 fps with a system latency of less than or equal to 80 ms at 8 meters. For different application scenarios, it provides 4 modes to let the document presentation, video playback and remote meetings have the optimal display effect.

Features

Input & Output connectors

- 2x HDMI inputs 2x USB inputs for multimedia playback and function extension
- 4x Ethernet outputs, capacity up to 2.6 million pixels
- 2x audio outputs
 - SPDIF digital audio output
 - 3.5-mm audio output
- Output image scaling
 - Width range: 800 to 4096 pixels
 - Height range: 600 to 1920 pixels
 - Total device load capacity \leq 2.6 million pixels

System Functions

- Android 11 based desktop UI system, supporting third-party apps
- Wireless screen mirroring from multiple platforms
- Mirror from Windows, macOS, iOS and Android terminals.
- Working with terminal app to control wireless screen mirroring
- Secondary mirror: The speaker can reversely control the LED screen via the terminal.
- Wireless snapshot: Take snapshots wirelessly via the terminal at any time to record the meeting details.
- Wireless speech: The participants speak directly via the terminal microphone and the voice is transmitted wirelessly to the sound system of the LED display.
- Playback control via different terminals
 - Intelligent control via mobile app: Install app on mobile phone to realize program editing and publishing and screen control.
 - Convenient playback control via remote: Perform playback control of local programs and simple program editing on the screen.
 - USB playback: Plug and play or copy and play. Support decoding of 4K HD videos in the HEVC, H.265, H.264 and other industry standard coding formats.
- Dual Wi-Fi modes Allow for Wi-Fi and wireless hotspot connections at the same time.
- Effect adjustment Provide the standard, soft, theater and meeting scenario modes, and allow you to adjust the brightness, saturation, contrast, etc.
- Eye comfort mode
- Screen drawing and commenting
- Processor 8-bit 4 core

Device Controls

- Gigabit Ethernet control port with TCP/IP protocol support
- Low-power (less than 0.5 W) mode during standby, and wakeup from standby via Infrared remote
- A relays can be connected for convenient power management of LED screen
- Bluetooth 5.1
- Can connect to the Bluetooth voice remote, Bluetooth mouse, Bluetooth keyboard, Bluetooth sound system and other common peripherals.
- Compatible with the peripherals commonly used in a meeting, such as camera, sound system and laser pointer

Panel description



Name	Description
Power indicator (on the stand by button)	<ul style="list-style-type: none"> • Solid white: The power supply is normal. • Off: The power is not supplied, or the power supply is abnormal.
Status LED	<ul style="list-style-type: none"> • Solid green: The device is running normally. • Off: The device is not running.
Standby button	<ul style="list-style-type: none"> • Press the button to power on or power off the device. • Hold down the button to rest art the device.
USB	<p>Support a mouse, keyboard, USB drive and other common USB devices.</p> <ul style="list-style-type: none"> • Supported image formats:*.jpg,*.bmp,*.png • Supportedvideoformats:*.avi,*.mpg,*.vob,*.mov,*.mkv,*.rmvb,*.mp4,*.ts, *.flv • Support FAT 32 and NTFS file systems. Do not support ex FAT or FAT16 file system.

Specifications

Type	Connector	Description
Input	HDMI IN-2	2xHDMI(TypeA) <ul style="list-style-type: none"> • Max resolution:2048×1152@60Hz • Min resolution:800×600@60Hz • Custom resolutions supported <ul style="list-style-type: none"> Width range: 800–3840 pixels (Forced) Heightrange:600–3840pixels(Forced) • Supported frame rates:30Hz,50Hz,60Hz • Do NO supports inter laced signal input. • HDCP1.4 compliant, backwards compatible
	USB-2	2xUSB to support a mouse, keyboard, USB drive and other common USB devices <ul style="list-style-type: none"> • Supported image formats:*.jpg,*.bmp,*.png • Supported vide of or mats:*.avi,*.mpg,*.vob,*.mov,*.mkv,*.rmvb,*.mp4,*.ts, *.flv • Supported file systems: FAT32,NTFS;not supported :exFAT,FAT16
Output	1-4	4xRJ45 (1Gps) <ul style="list-style-type: none"> • In pixel-to-pixel out put mode: load capacity upto 2.6 million pixels • When scaling function enabled :load capacity upto 2.6million pixels(max width: 4096 pixels; max height: 1920 pixels)
	HDMI OUT	Support output of standard1080 p videos only.
	AUDIO	3.5-mm audio connector
	SPDIF	For digital fiber optic audio output
Control	ETHERNET	Connect to external network or to the software on the control PC.
	SENSOR	1xsens or connect or to connect to the light sensor
	Phoenix connector (4 pins)	1xRS232 central control connector (4pins) to connect to the central control device <ul style="list-style-type: none"> • Baud rate:115200bps • Data bits:8;stop bits:1;no parity bit; no flow control
	Phoenix connector (6 pins)	<ul style="list-style-type: none"> • 1xIR IN <ul style="list-style-type: none"> Support the learning of the infrared control instructions. • 1xIR OUT <ul style="list-style-type: none"> Support the programmable infrared control. • 1xI/O <ul style="list-style-type: none"> –Trigger the execution of various function requirements via programming. –Support the input and output modes. –Input and output I/Ovoltage:3.3V • 1xRELAY <ul style="list-style-type: none"> –Connect to are lay to control the switch on and off of the connected device. –Voltage:30VDC;max current:3 A • 1xGND <ul style="list-style-type: none"> A grounding connector
Antenna	Wi-Fi AP 1-2	Specifications:2T2R. Connect to the Wi-Fi antenna and Bluetooth antenna.
	Wi-Fi STA	Specifications:1T1R.Connect to the Wi-Fi antenna
Power	DC12 V±10%	

Specifications

Electrical Specifications	Input voltage	DC 12V 3A,Negative Outside Positive Inside(power adapter input)
	Rated power consumption	21W
Storage Space	RAM	2GB
	Internal storage	32GB
Operating Environment	Temperature	-20°Cto+60°C
	Humidity	0%RHto80%RH,non-condensing
Storage Environment	Temperature	-40°Cto+80°C
	Humidity	0%RHto95%RH,non-condensing
Physical Specifications	Dimensions	211.7mm×185.0mm×50.6mm
	Net weight	1.12kg
	Gross weight	2.9kg Note: It is the total weight of the product, accessories, and packing materials packed according to the packing specifications.