

DASUNG 大上科技

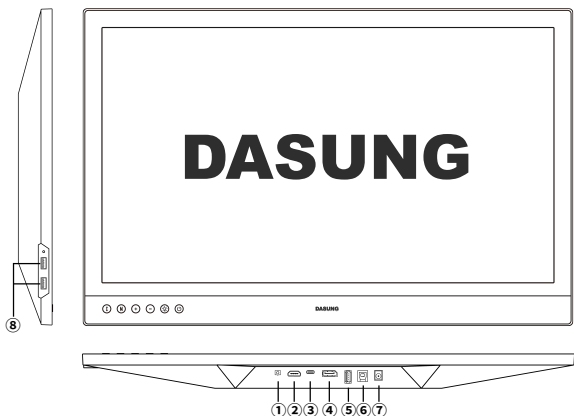
Paperlike系列(25.3英寸)电子墨水显示器说明书

版本号V1.1

本说明书适用于Paperlike 253(黑武士版本)
Paperlike Color(黑武士版本)、Paperlike Color(曲面屏版本)

接口及按钮功能

Paperlike 25.3英寸墨水屏显示器分成黑白、彩色两大系列，每个系列分为黑武士版、曲面屏版，不同版本在按钮和接口功能几乎一致(下图以黑武士前光版为例)



接口说明:

① 耳机孔:3.5mm耳机孔,接耳机使用。当显示器与电脑连接,并且电脑上设定显示器为音频输出设备时,此接口会播放电脑音频。

② 标准HDMI:HDMI-A接口,使用具有HDMI-A接口的线将显示器与电脑连接。

③ Type-C:USB Type-C接口,使用具有USB Type-C接口的线将显示器与电脑连接。

注:电脑和线材都需要具有视频传输功能。

④ 标准DP:DisplayPort接口,使用具有DisplayPort接口的线将显示器与电脑连接。

⑤ ⑧USB-A(输出)接口

⑥ USB-B(输入)接口















注:USB-B(输入)和3*USB-A(输出)这几个接口共同组合成为USB-HUB功能,使用附赠的USB-B的线将显示器与电脑连接后,3个USB-A即可成为电脑的USB扩展口。

⑦ 电源:连接显示器的电源线。

接口及按钮说明

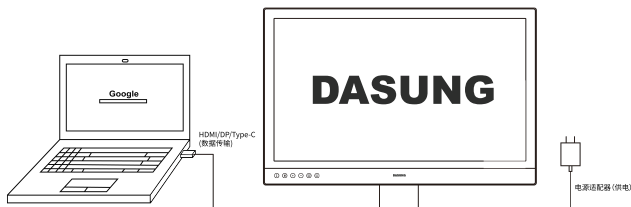
按钮说明:

简易功能说明如下:

- : 短按, 一键清除残影; 长按 5 秒以上, 可记忆当前自定义画质模式组合, 在下次启动显示器时自动生效
- : 用于切换画质模式, 依次循环为“自动模式”“文本模式”、“图文模式”“视频模式”
- : 开启、调节前光色温, 一键切换“混光 - 冷光 - 暖光 - 关闭前光”状态 (注: 混光的色温调节须使用客户端软件, 使用软件时须用附赠的USB-B数据线将显示器与您的电脑连接。软件下载地址: www.dasung.com)
- : 开启或关闭显示器 (显示器直接接上电源时, 会自动开机)
- : 增加图像对比度
- : 降低图像对比度
-  +  / : 提高/降低刷新速度、墨滴黑度或色彩饱和度
-  +  / : 前光亮度调节
-  + : 重启显示器

参数表

屏幕类型	E Ink电子墨水屏(黑白/彩色)
显示比例	25.3英寸(16:9)
分辨率	3200×1800
面板涂层	防眩光硬涂层3H
彩墨算法	DASUNG X-Color Filter 彩色墨水屏算法
刷新速度	DASUNG Turbo墨水屏高刷专利技术
前光	一键切换, 混光 - 冷光 - 暖光 - 关闭前光
视频接口	HDMI 1.4 DisplayPort 1.2 USB Type-C
供电	工作电压范围:5~20V 输入功率:12W以上 接口型号:DC-005 *消费者应使用获得CCC认证并满足标准要求的电源适配器
温度	最佳温度:15°C~35°C 使用温度:0°C~50°C 存放温度:-25°C~70°C
配件	说明书 保修卡 1.5m USB-A to USB-B线材 1.5m HDMI-A to HDMI-A线材
尺寸	606mm×390mm×13mm(黑武士版) 604mm×374mm×8mm(曲面屏版)



连接方式

- ① 供电: 使用满足规格电源适配器, 将显示器与交流电相连。供电后, 显示器会自动开机, 并检测信号。当未检测到信号时, 会提示无信号连接。
- ② 连接视频信号: 使用HDMI、DisplayPort、USB Type-C任意一个接口, 将显示器与电脑或者手机相连, 即可使用。如果同时接上了多个视频信号, 优先选择HDMI。
- ③ 调节显示效果: 使用按钮可以调节画质模式、对比度、速度等。

详细功能说明

画质模式

显示器内置四种画质模式:【自动模式】、【文本模式】、【图文模式】、【视频模式】。画质模式会调整图像算法, 并默认选择较为合适的对比度, 以适应多种场景。每种模式下, 依然可以自由调节对比度和速度。调节方式: **(M)** 按钮

对比度

显示器内置9档对比度: 当看图片视频等图像内容较多画面时, 建议调浅对比度; 看文字为主的页面时, 建议调深对比度。调节方式: **(+)** / **(-)** 按钮

速度

显示器内置5档速度: Fast++++, Fast+++ , Fast++ , Fast+ , Fast随着速度的降低, 电子墨水的黑度或色彩饱和度会增加。调节方式: **(M)** + **(+)** / **(-)** 组合调节

前光

Paperlike系列显示器精心研制大尺寸前光，柔和、均匀、优质，冷光、暖光、混光可自由切换，亮度可调节，亦可完全关闭，白天黑夜均可使用。

视频通路选择与切换功能

显示器有三路视频输入：HDMI、Type-C、DP，支持同时接上多个视频信号并手动/自动选中其中一路信号。

自动切换：当有多路视频信号同时接入的时候，按照 HDMI>Type-C>DP 的顺序进行自动选中；

手动切换：按下 **(C)** + **(+)**，可以手动切换视频输入线路

手机连接与分辨率切换功能



Paperlike系列显示器的任一视频接口都可以与具备视频输出功能的手机相连之后即可直接使用。对于安卓手机最推荐的是使用具有视频传输功能的“Type-C to Type-C连接线”。因显示器的物理分辨率高达3200*1800

重要提示：部分手机无法支持。因此还配备了1600*900 A5模式供手动切换，切换方式为按下 **(C)** + **(-)** 按钮（仅限黑武士版本）

目前已知：

华为高端手机的手机模式支持3200*1800分辨率和1600*900分辨率
iOS设备，华为高端手机的电脑模式仅支持1600*900分辨率

软件功能

使用附赠的USB-A to USB-B 线材, 将电脑与显示器连接, 同时在电脑上开机客户端, 便可以在客户端上直接对显示器进行画质模式、对比度、速度等控制。

USB 3.0扩展坞功能

使用附赠的USB-A to USB-B 3.0线材, 将电脑与显示器连接, 显示器上的USB-A接口就直接连在了电脑上, 成为了电脑的扩展 USB3.0 接口。

音频功能

当电脑与Paperlike系列显示器相连时, 音频可以通过 3.5mm 耳机口播放。
注意:第一次连接显示器时, win10 系统可能会自动切换“播放设备”为Paperlike显示器, 此时您的电脑扬声器会没有声音。可以在系统的音频设置中选择播放设备切换。

无线连接功能

1、若您购买的是无线版本, 即可使用无线投屏功能将您的手机/电脑与显示器连接。

2、若您购买的是有线版本, 您须使用DASUNG大上科技官方的墨水屏显示器专属无线投屏器, 将投屏器HDMI和USB分别接入显示器, 即可实现无线投屏(须确保您的电脑/手机具有无线投屏功能)

重要提示:当您用无线投屏功能连接手机时, 解除投屏隐私保护, 有助于下拉栏页面的显示。部分涉及深度隐私和安全的系统页面或第三方 App (如银行的App) 可能不会被传输, 敬请谅解。

保修条款

质保服务如下：

- 1、Paperlike 系列电子墨水显示器实施国家法定质保一年。
- 2、*中国大陆之外的地区或国家暂无售后地点，仅支持网络或电话支援

【以下情况不在质保范围内】

为了使您的合法权益受到保护，避免不必要的损失，对于下列原因导致设备故障或损坏，我公司不承担保修义务，请您选择有偿服务。

- 超过质保有效期；
- 无有效的质保凭证；
- 未按产品使用说明书要求安装使用、维护、保养而造成损坏的（人为损坏）；
- 非大上科技授权的修理者拆动造成损坏的（私自拆修）；
- 屏幕出厂可能自带符合标准数量的坏点（ ≤ 10 个），这不在质保范围内，不能因此退换货；
- 屏幕出厂可能自带符合标准数量的前光亮点（ ≤ 5 个）属正常范围；
- 产品表面外壳的自然老化、碰伤及划痕；
- 意外因素或人为行为及外力造成损坏（包括操作失误、输入不合适的电压等）；
- 使用了非标准或未公开发行的软件或非标准的相关电脑部件；
- 自然灾害等不可抗力造成的损坏（如：地震、火灾、水灾等）；

*对于免费保修范围外的服务,我们将收取一定费用,收费标准=技术服务费+更换零件费+物流快递费

保修卡信息

用户资料

产品名称	
产品型号/条形码	
订单号	
用户姓名	
联系电话/邮箱	

保修记录

维修日期	故障及处理方法	完成日期	维修人员签字

联系我们

电话:010-69908008

新浪微博@大上科技

官网:www.dasung.com

邮箱:hello@dasung.com

*本说明书最终解释权归北京大上科技有限公司所有。



微信服务号

DASUNG

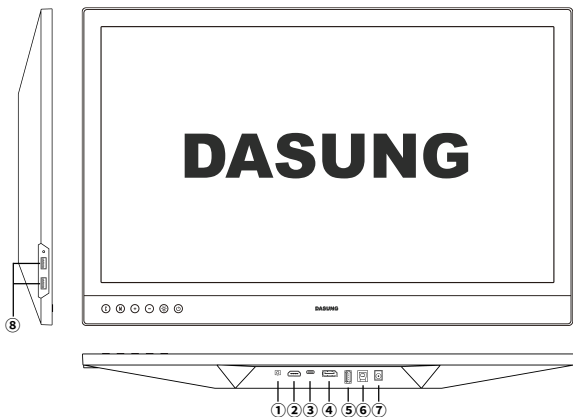
Paperlike Series (25.3-inch) User Guide

V1.1

This manual applies to Paperlike 253 (Dark Knight Version)
Paperlike Color (Dark Knight Version) and Paperlike Color (Curved Screen Version)

Interface & Physical Button Function

The Paperlike 25.3-inch E-ink monitor series is categorized into black & white and color monitors. Each series has variations like Dark Knight and Curved Screen sharing almost identical configurations. The illustration below provides details on interface functionalities, using the Dark Knight version with front light as an example.



Interface & Button Introduction:

- ① Earphone Jack: This 3.5mm jack is designed for connecting earphones. When the monitor is connected to a PC or laptop and configured as an audio output device, this interface plays computer audio.
- ② Standard HDMI: It utilizes an HDMI-A interface, allowing the connection of the monitor to a PC or laptop via an HDMI-A interface cable.
- ③ Type-C: This features a USB Type-C interface, enabling connection between the monitor and a PC or laptop using a USB Type-C interface cable. Note: Both a PC or laptop and a compatible cable are necessary for video transmission capability.
- ④ Standard DP: It incorporates a DisplayPort interface, permitting connection between the monitor and a PC or laptop via a cable featuring a DisplayPort interface.

Interface & Physical Button Function

⑤ ⑧ USB-A (Output) Interface


⑥ USB-B (Input) Interface


Note: USB-B (Input) and 3*USB-A (Output): These interfaces collectively function as a USB-HUB. Connecting Paperlike monitor to a PC or laptop using the provided USB-B cable enables the 3*USB-A interfaces to be used as USB expansion ports for your PC or laptop.


⑦ Power: Connect to the power cord of your PC or laptop.

Button Introduction:


Their respective functions are described as follows:


 : Short press clears ghosting. Press and hold for more than 5 seconds to retain the current customized image quality settings.




 : Used to toggle through image modes in sequence: "Auto Mode", "Text Mode", "Graphic Mode", "Video Mode".

 : Turn on and adjust the color temperature of the front light, and switch between "mixed light - cold light - warm light - turn off the front light" status with just one click. (Note: The color temperature adjustment of mixed light requires the use of client software. When using the software, please connect the monitor to your computer using the included USB-B data cable. Software download link: www.dasung.com.)

 : Power Button

 : Increase the contrast

 : Decrease the contrast

 +  /  : Adjust the "speed and ink drop blackness". When the speed is higher, the blackness of ink drop is lighter.

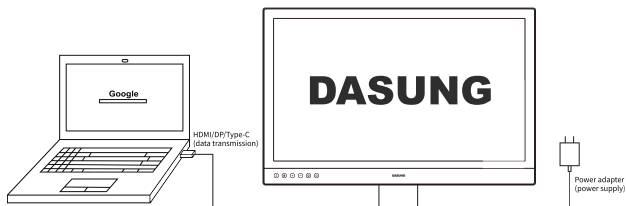
 +  /  : Brightness adjustment

 +  : Restart the Display

Specification

Screen Type	E Ink Screen (B&W / Color)
Display Scale	25.3 inch (16:9 ratio)
Resolution	3200×1800
Panel Coating	Anti-glare Hard Coating 3H
Color E-ink Algorithm	DASUNG X-Color Filter Algorithm
Refresh Rate	DASUNG Turbo Refresh Tech
Front-light	Mixed-Cold-Warm Light
Video Interface	HDMI 1.4 DisplayPort 1.2 USB Type-C (DisplayPort Alternate Mode on USB Type)
Power Supply	Operating Voltage Range: 5~20V Input power: above 12W Interface model: DC-005 * Consumers should use power adapters that have obtained CCC certification and meet standard requirements
Temperature	Optimum Temperature: 15°C~35°C Operating Temperature: 0°C~50°C Storage Temperature: -25°C~70°C
Fittings	Manual Warranty Card 1.5m USB-A to USB-B cable 1.5m USB-A to USB-B cable
Size	606mm×390mm×13mm (Dark Knight Version) 604mm×374mm×8mm (Curved Screen Version)

User Guidance



Connection Guide:

- ① **Power Supply:** Connect Paperlike monitor to an AC power source using a power adapter that meets the specifications. Upon receiving power, the monitor will automatically switch on and detect the signal. If no signal is detected, it will indicate "no signal connection."
- ② **Connect Video Signal:** Plug in either the HDMI, DisplayPort, or USB Type-C interface. Connect Paperlike monitor to a PC, laptop, or mobile phone for a plug-and-play setup. When connecting multiple video signals simultaneously it's recommended to use the HDMI interface.
- ③ **Adjust Image Settings:** Use the buttons to navigate and adjust the image mode, contrast, speed, and other settings as needed.

Detailed Function Description

Image Mode:

Paperlike monitor features four preset image modes: [Auto Mode], [Text Mode] [Graphic Mode], and [Video Mode]. These modes optimize image algorithms and provide default contrast settings suitable for graphic browsing, text reading, and video watching scenarios. Even within each mode, you can freely adjust contrast and speed settings. Adjustment Method: (M) Button

Auto Mode:

Automatically optimizes image algorithms based on the content. Suitable for graphic browsing, text reading, and video watching. Allows for contrast and speed adjustments.

Text Mode:

Optimized for text reading. Adjustable contrast and speed settings.

Graphic Mode:


Optimized for graphic browsing and image viewing. Adjustable contrast and speed settings.

Video Mode:

Optimized for video watching. Adjustable contrast and speed settings.

Contrast:



Paperlike offers 9 levels of built-in contrast. Higher levels are suitable for text viewing, while lower levels are preferable for viewing images.

Adjustment Method:  /  Button

Speed:

Paperlike offers 5 speed settings: Fast, Fast+, Fast++, Fast+++, Fast++++.

As speed increases, display control becomes smoother, and the darkness of the E-ink is slightly reduced.

Adjustment Method: Combined adjustment using the  +  /  Button

Front-Light:

Paperlike monitor features a carefully developed large-size front light. Soft uniform high-quality cold light, warm light, mixed light can be freely switched. Brightness is adjustable, and it can be completely closed. Suitable for use day and night.

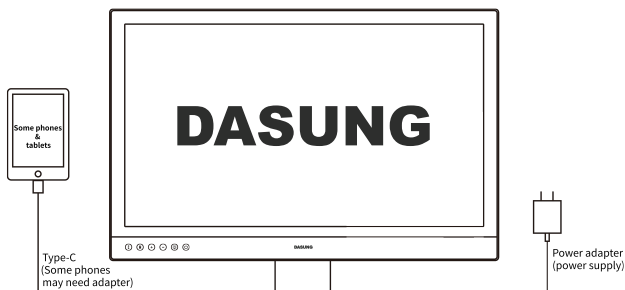
Video Channel Selection and Switching Function

Paperlike monitor is equipped with three video inputs: HDMI, Type-C, and DP. It supports the simultaneous connection of multiple video signals, and you can manually or automatically select between them.

Automatic Switching: When multiple video signals are connected simultaneously, they are automatically prioritized in the following order: HDMI > Type-C > DP.

Manual Switching: Press the  +  button to manually switch between the video inputs.

Martphone Connection and Resolution Switching



Paperlike supports connection to a smartphone with a video output function through any video interface. For Android phones, it's recommended to use the "Type-C to Type-C cable" with video transmission capabilities. Due to Paperlike's high physical resolution of 3200*1800, some smartphones may not be compatible with this resolution. Therefore, a 1600*900 A5 mode is provided for manual switching (only for Dark Knight version).

Switching Method:

Press the  +  button

Known Compatibility:

Huawei's high-end phones in smartphone mode support both 3200*1800 and 1600*900 resolutions. For iOS devices, Huawei's high-end phones in computer mode only support 1600*900 resolution.

Detailed Function Description

Software Function:

Connect Paperlike to your PC or laptop using the provided USB-A to USB-B cable. Launch the included software on your computer to directly control the monitor's image quality mode, contrast, and speed settings.

USB 3.0 Extended Function:

Connect Paperlike to your PC or laptop using the provided USB-A to USB-B 3.0 cable. The three USB-A ports on Paperlike will then function as extended USB 3.0 ports for your PC or laptop.

Audio Function:

When your PC or laptop is connected to the monitor, audio can be played through the 3.5mm headphone jack. Note that upon initial connection, the Win10 system may automatically switch the "play device" to Paperlike, muting sound on your PC or laptop speakers. You can adjust this by selecting the playback device in the system's audio settings.

Wireless Screen Mirroring Function:

1. For the wireless version, you can connect Paperlike with your computers and phones at any time.

2. For the wired version, you can mirror your screen onto Paperlike freely using the wireless display projector (DASUNG Cast)

Connect one end to the HDMI port of Paperlike, while the other end to the USB port.

* Please ensure that your computers/phones are compatible with wireless screen mirroring function.

Contact Info

Tel: +8610-69908008

Web: www.dasung.com

Email: contact@dasung.com

Facebook: [@dasungtech](https://www.facebook.com/dasungtech)

Twitter: [@dasungtech](https://twitter.com/dasungtech)

The rights of the final interpretation of this manual belong to Beijing DASUNG Tech Co., Ltd.

DASUNG