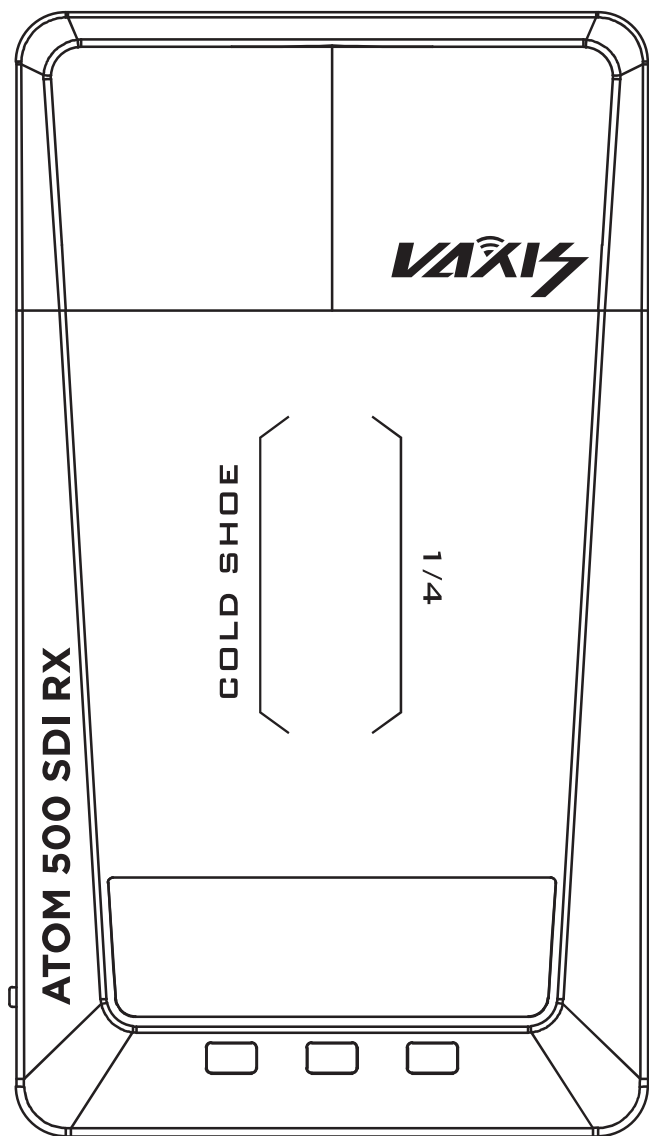
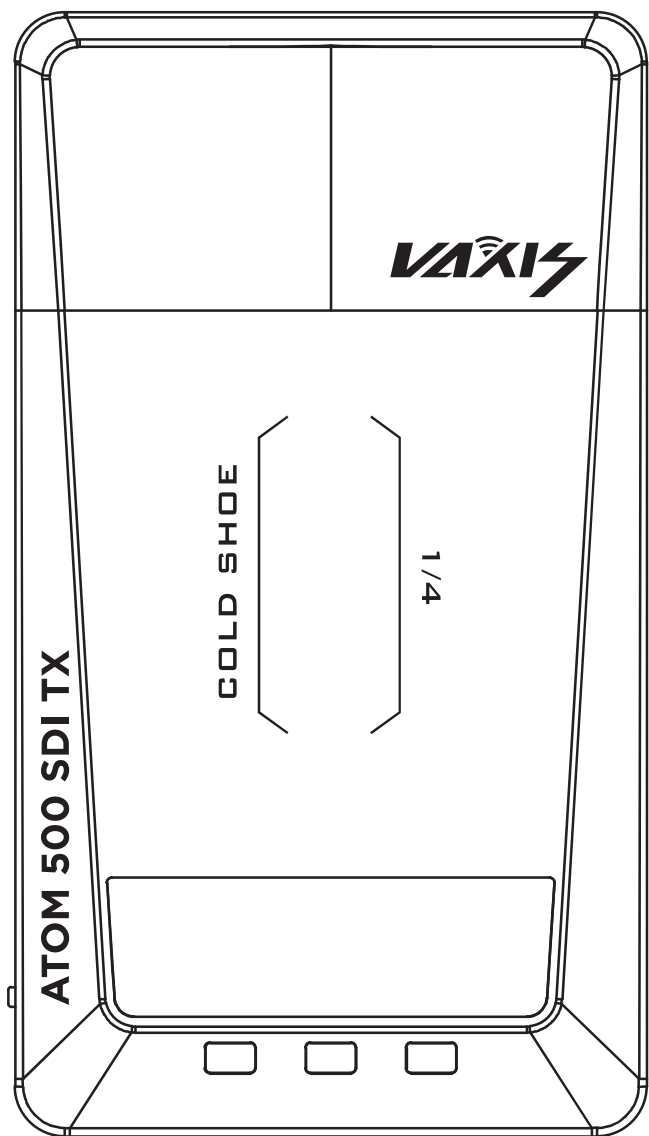




威固无线图传·原子500 SDI
VAXIS-ATOM 500 SDI

Instructions
使用说明书





威固无线图传·原子500 SDI

VAXIS-ATOM 500 SDI

亲爱的用户：

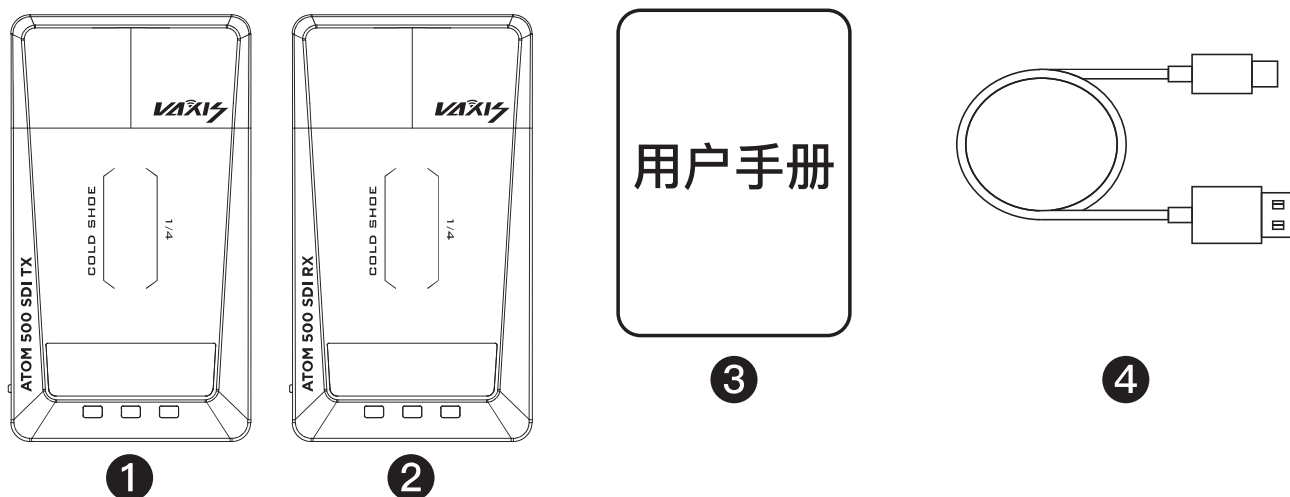
非常感谢您选购原子500SDI无线视频传输设备，本产品采用5G无线传输技术，实现低延迟高画质视频传输。我们衷心希望您能从产品使用获得长久的便利，祝您从该产品获得最好的体验。

本手册包含的所有信息在出版时都有经过严格的校验，确保无误。但由于产品的不断升级改进，因此您的设备及使用都有可能与本手册描述有一定差异，对此我们希望您以实际产品为准，并且欢迎您致电我们的服务电话咨询。

产品特点

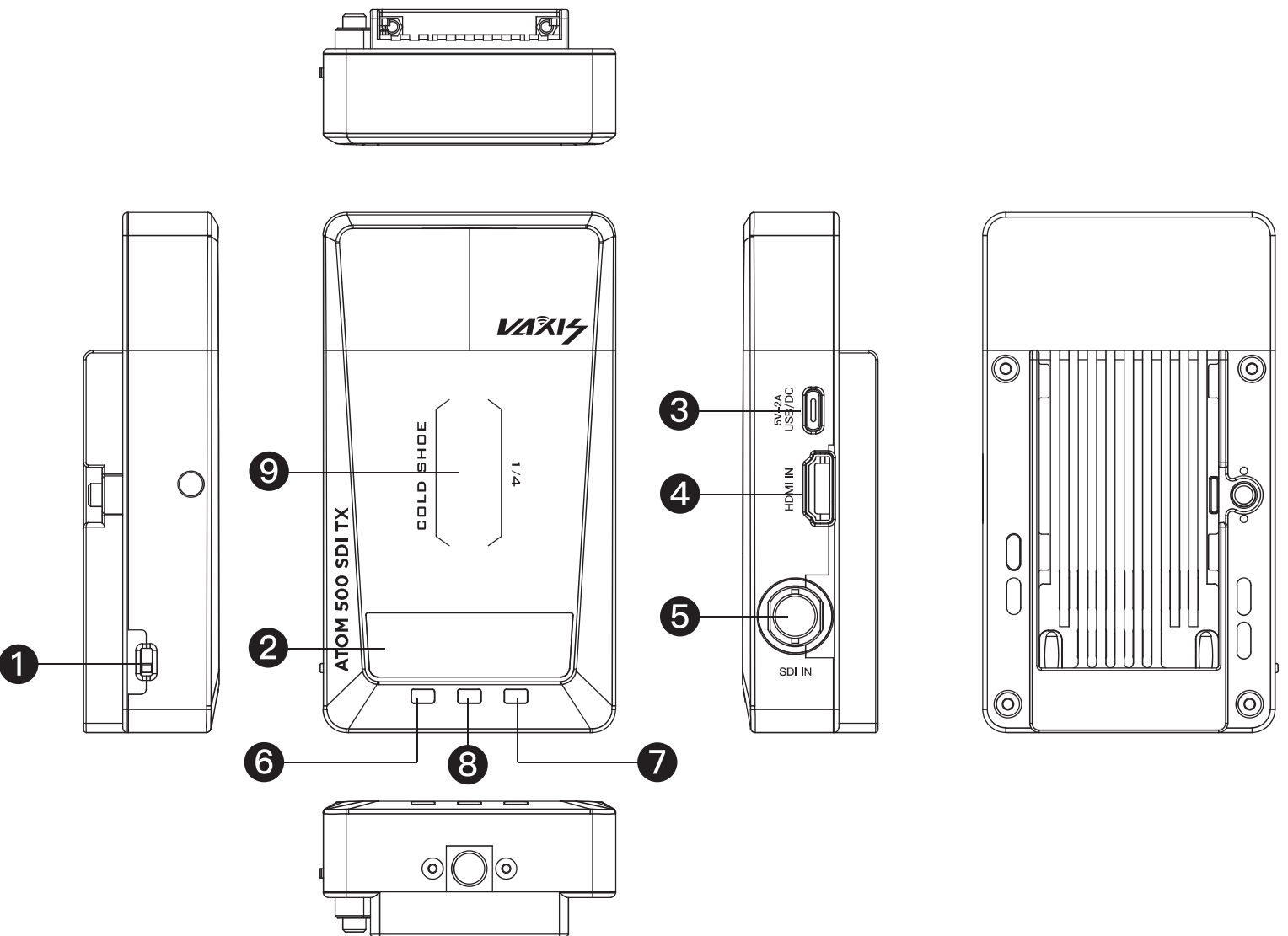
- 传输距离150米
- 延迟0.1秒以下
- 内置天线
- 支持SDI/HDMI输入
- 发射器和接收器均可挂载电池
- 支持USB-C电压输入
- 支持APP监看
- 支持智能选频
- 支持OTA软件在线升级
- 支持OLED屏显示
- 工业金属外壳，稳定、可靠

包装清单



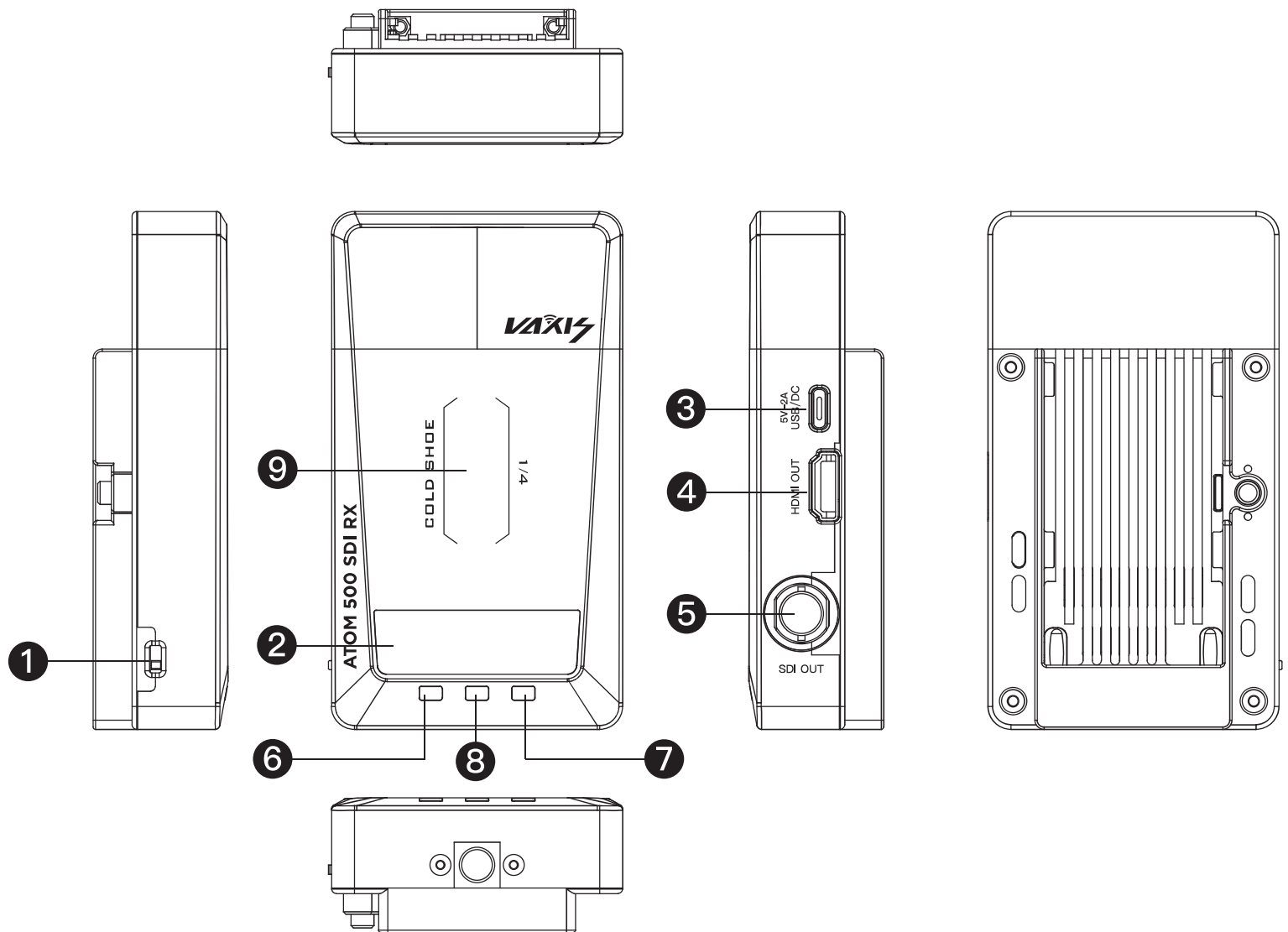
- 1 发射端*1 2 接收端*1 3 用户手册*1 4 Type-c电源线 *1

发射器接口



- ① 电源开关 ② 显示屏幕 ③ USB-C输入 ④ HDMI输入 ⑤ SDI输入
⑥ 方向按钮 ⑦ 方向按钮 ⑧ 菜单按钮 ⑨ 扩展配件安装

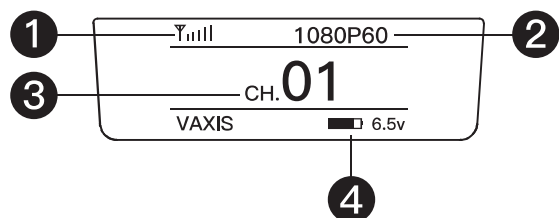
接收器接口



- ① 电源开关 ② 显示屏幕 ③ USB-C输入 ④ HDMI输出 ⑤ SDI输出
⑥ 方向按钮 ⑦ 方向按钮 ⑧ 菜单按钮 ⑨ 扩展配件安装

界面介绍

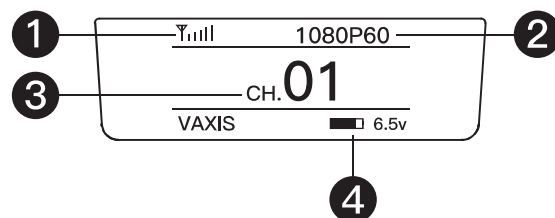
发射器



① 信号强度 ② 视频格式

③ 信号频道 ④ 电池电压

接收器



① 信号强度 ② 视频格式

③ 信号频道 ④ 电池电压

频点切换方式

按发射器“方向按钮”键进行切换频点，按“菜单按钮”键确认频点，接收器会自动同步切换连接频点。

*接收器不能进行频点切换

APP安装与使用

1、在各大应用商城搜索 Vaxis Vision 即可下载IOS、Android、IpadOS版本应用



应用宝
华为应用商城
小米应用商城
Oppo应用商城

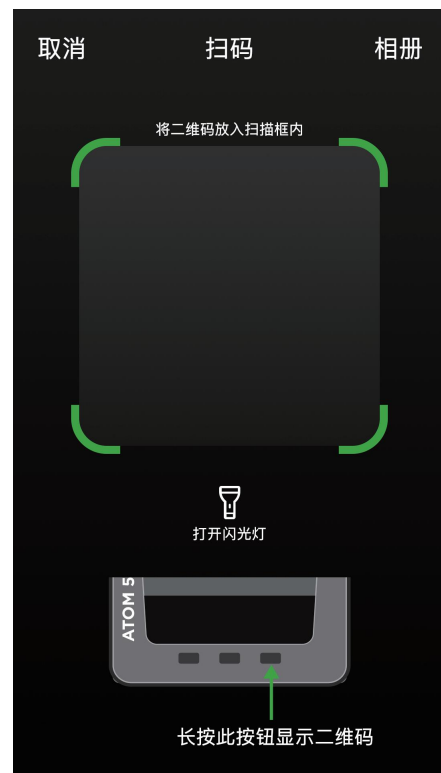


2、使用方法：

(1)打开APP“Vaxis Vision”选择扫描设备。

(2)TX长按右方向键，进入二维码显示模式

(3)手机扫描TX屏幕上的二维码即可自动连接设备



连接异常问题

- 1、请检查发射器与接收器的电源设备是否良好；
- 2、请检查电池电量是否过低，如过低，请及时更换电池；
- 3、请切换频点尝试连接；
- 4、请重新进行配对；

显示异常问题

- 1、请检查视频源是否正确接入SDI IN或者HDMI IN；
- 2、请检查发射器的Video状态是否有视频格式显示；如没有，请检查与发射器相连的HDMI或者SDI线缆是否与摄像机可靠连接，摄像机是否有视频输出；
- 3、请检查摄像机的视频输出格式是否与本产品相兼容；

视频画面卡顿问题

- 1、请检查HDMI/SDI输入输出线缆是否连接可靠；
- 2、请检查信号强度状态，如果信号强度弱，请切换无线通信频点或者缩短无线连接距离；

APP连接异常问题

- 1、请检查APP客户端数量，设备最多可支持3个APP同步监看；

技术参数

	发射器	接收器
接口	HDMI输入/SDI输入	HDMI输出/SDI输出
供电	5V DC	5V DC
功耗	<5w	<3w
HDMI输入 视频格式	720P@50/60Hz 1080I@50/60Hz 1080P@24/25/30/50/60Hz	/
HDMI输出 视频格式	/	720P@50/60Hz 1080I@50/60Hz 1080P@24/25/30/50/60Hz
SDI输入 视频格式	720P@50/60Hz 1080I@50/59.94/60Hz 1080P@23.98/24/25/29.97/30 50/59.94/60Hz 1080PSF23.98/24//25/29.97/30Hz	/
SDI输出 视频格式	/	720P@50/60Hz 1080I@50/60Hz 1080P@24/25/30/50/60Hz
重量	170g	170g
尺寸	113*63.5*20mm	113*63.5*20mm
传输频段	5GHz	
发射功率	17dbm	
传输延时	80ms，干扰环境120ms	
接收灵敏度	-80dbm	



VAXIS · ATOM 500 SDI

Wireless Video System

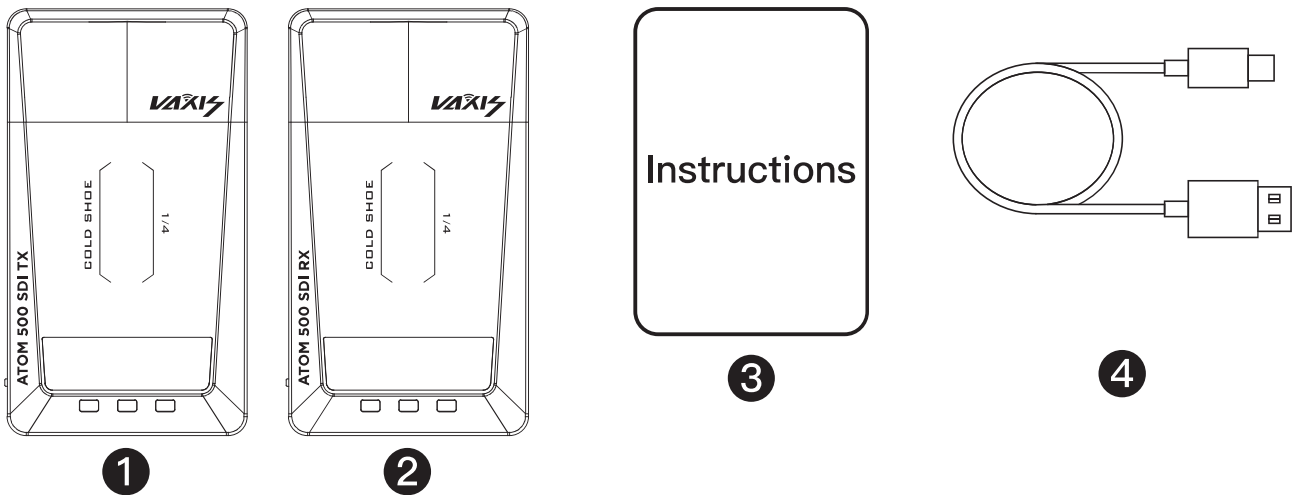
To Our Vaxis Customers:

Thank you for your recent purchase of the Vaxis Atom 500 SDI. We created this product with you in mind and hope you will find the Atom 500 SDI useful.

Features

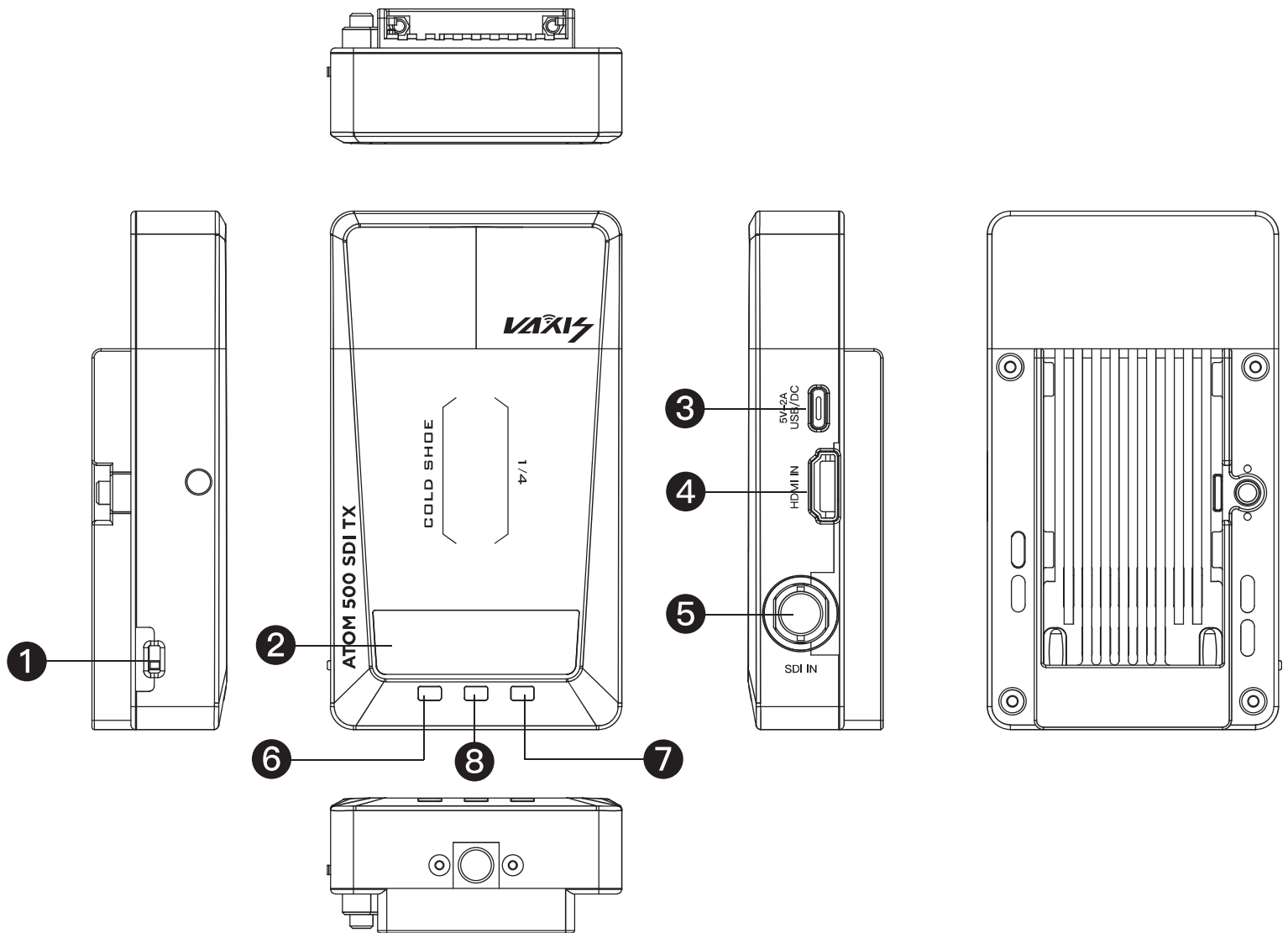
- 500 feet transmission range
- <0.1s latency
- Enclosed Antenna Design
- HDMI input and SDI input
- Support USB-C voltage input
- iOS & Android App support
- Automatically switch channels
- Firmware Upgrades via USB
- OLED display screen
- Stable & Reliable industrial metal housing

Packing list



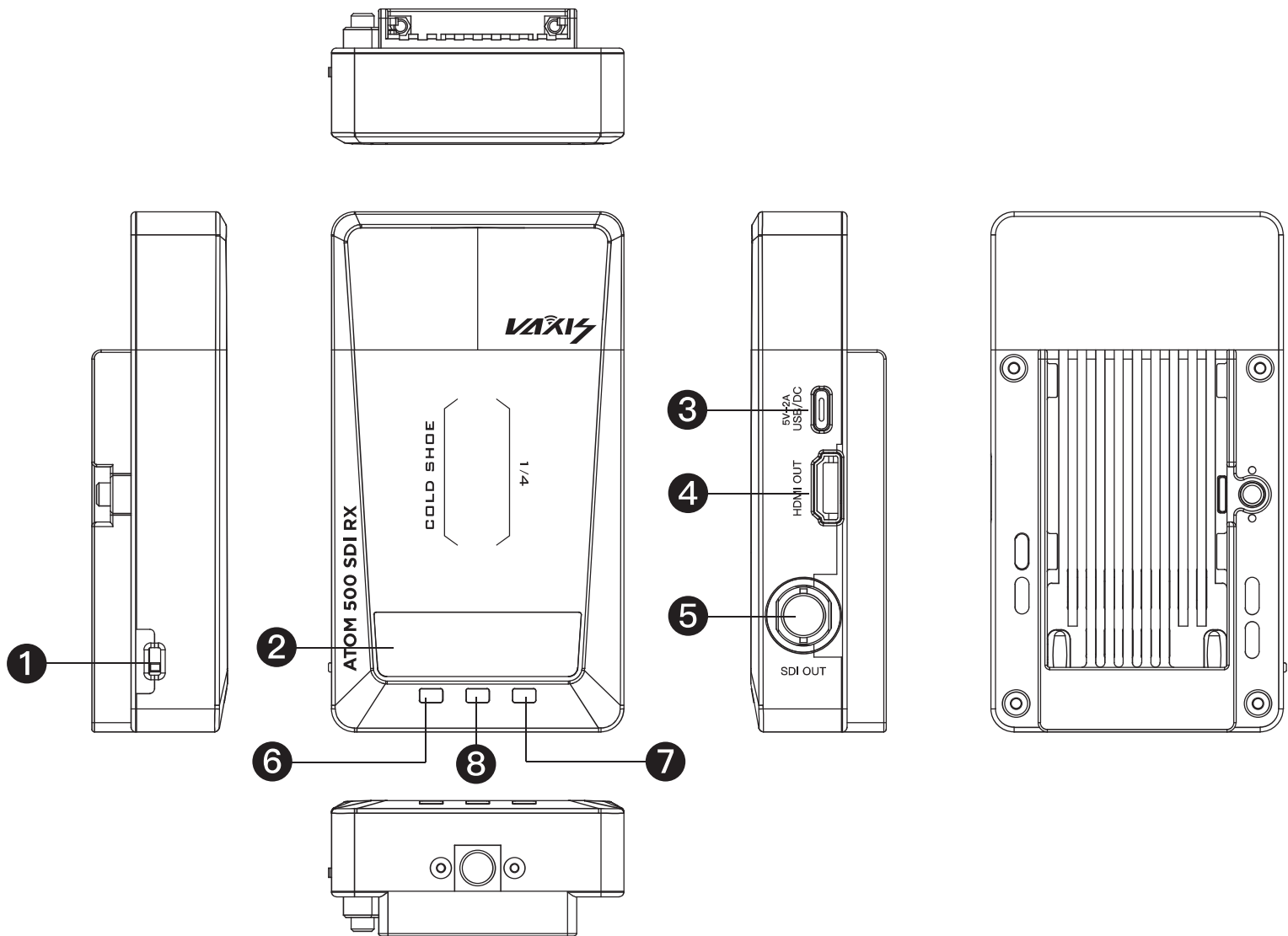
- ① Transmitter*1 ② Receiver*1 ③ User Manual ④ USB Type-C cable

Transmitter Interface



- ① Power Switch
- ② OLED display
- ③ USB interface
- ④ HDMI input
- ⑤ SDI input
- ⑥ Up
- ⑦ Down
- ⑧ Menu/OK

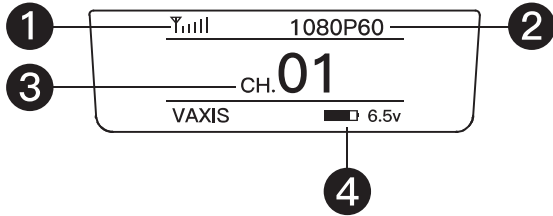
Receiver interface



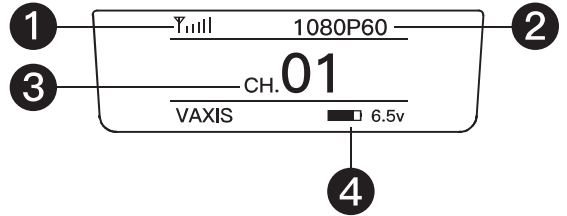
- | | | | |
|----------------|----------------|-----------------|---------------|
| ❶ Power Switch | ❷ OLED display | ❸ USB interface | ❹ HDMI output |
| ❺ SDI output | ❻ Up | ❼ Down | ❽ Menu/OK |

OLED Display

Transmitter



Receiver



① Signal Strength ② Video Format

③ Channel ④ Battery Voltage

① Signal Strength ② Video Format

③ Channel ④ Battery Voltage

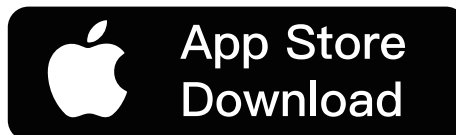
Channel change

Press either the up or down button on the transmitter to change the channel, then press the OK button to confirm the selected channel. The receiver will change to the same channel as the transmitter automatically and simultaneously.

APP connection and use

Download **Vaxis Vision** on App Store or Google Play

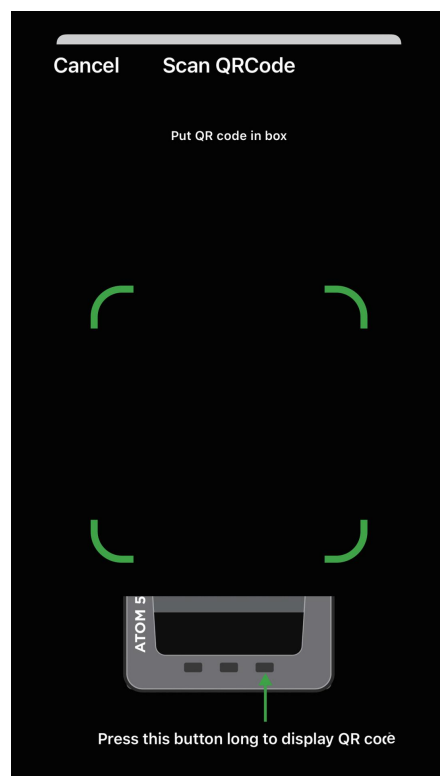
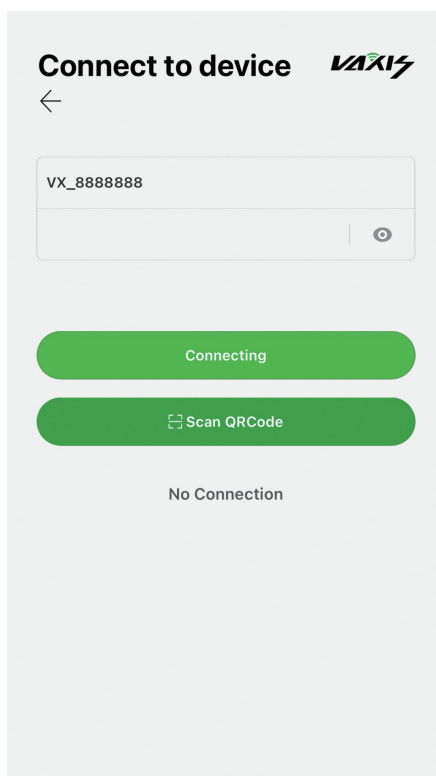
Search: Vaixs Vision



APP connection and use

App Connection

- 1) Open Vaxis Vision app, choose Connect To Device
- 2) Long press the right button on TX, enter the QR code display mode
- 3) Scan the QR code on the TX screen with your mobile phone to connect to the device



Troubleshooting

Connection issue

1. Check and make sure the power supply functions well on both the transmitter and the receiver.
2. Check if the battery level is enough, If the battery level is too low, Please change another battery.
3. Change to another channel to troubleshoot
4. Re-paring the device

Display issue

1. Please check if the video source is connected to the HDMI IN interface correctly.
2. Check if the OLED displays the video format. If not, check if the HDMI cable connected to transmitter is correctly linked with the camera and if the camera has the video output
3. Check if the format of the camera output interface is compatible with this system.

Video image stuck issue

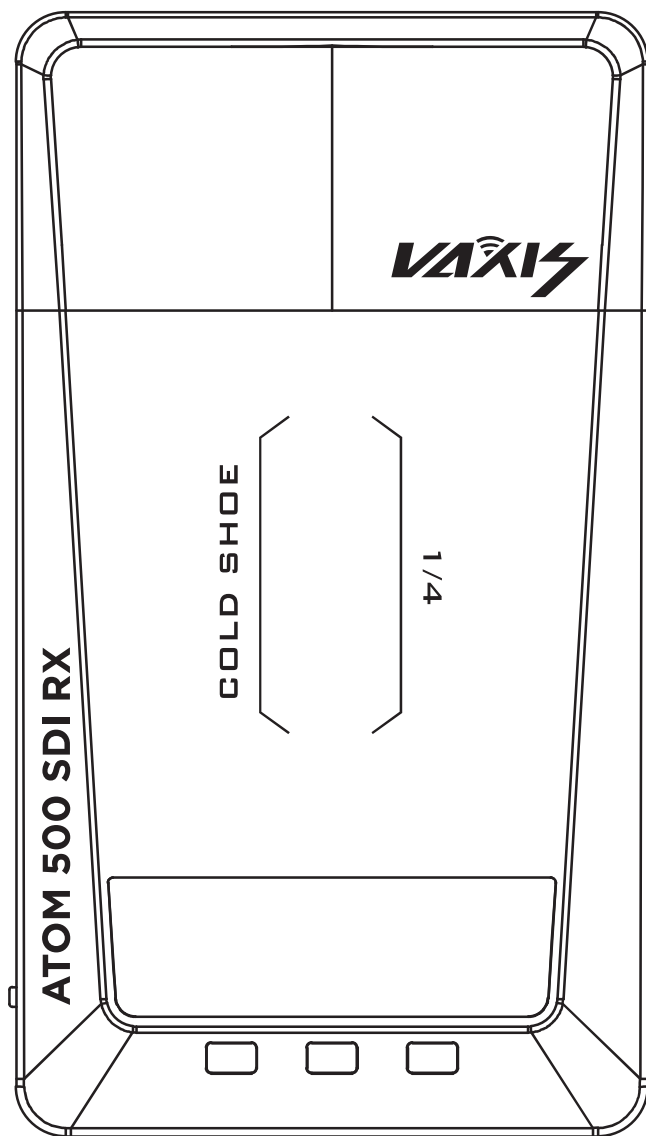
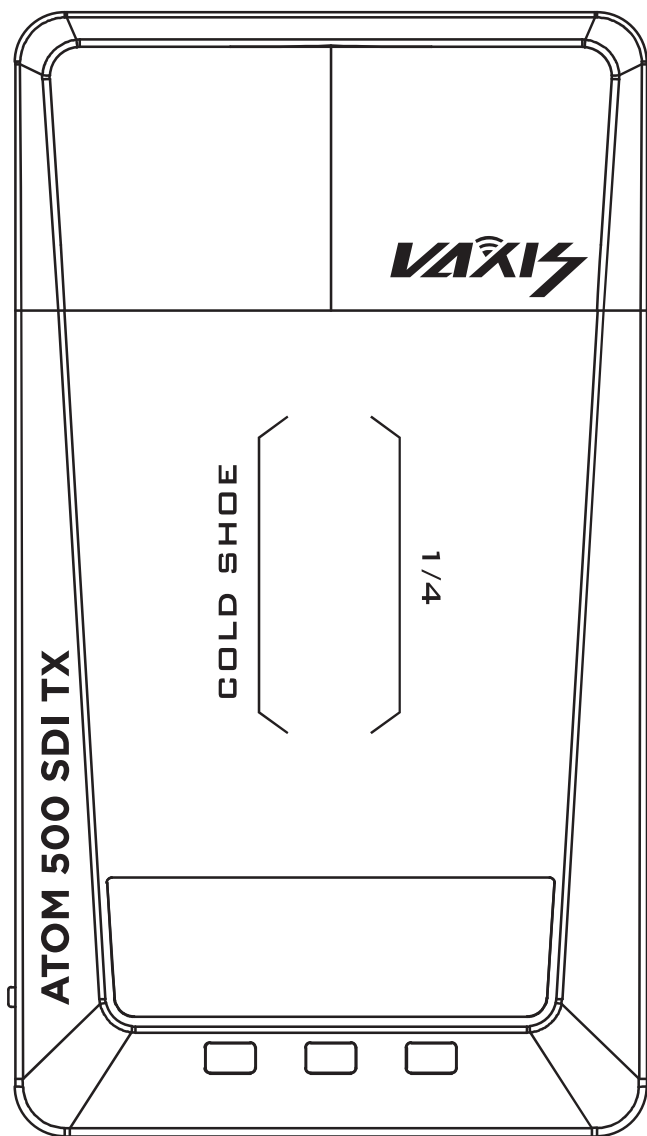
1. Check if the HDMI IN/OUT cables are connected well.
2. Check the signal strength status to see if the signal strength is too weak Change the channel or shorten the distance between the devices.

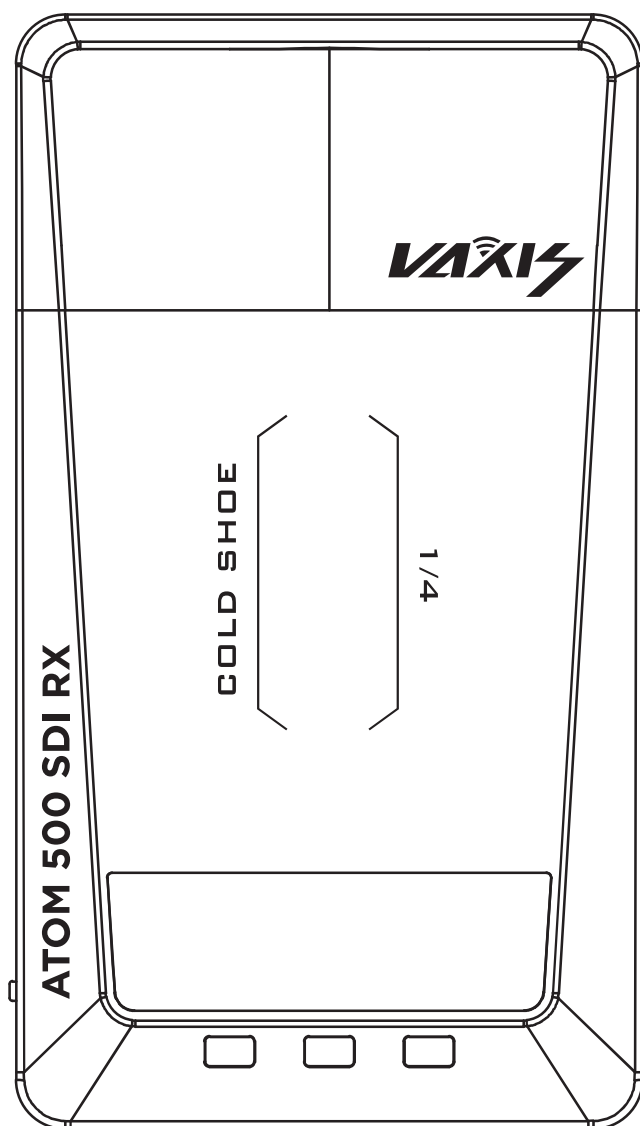
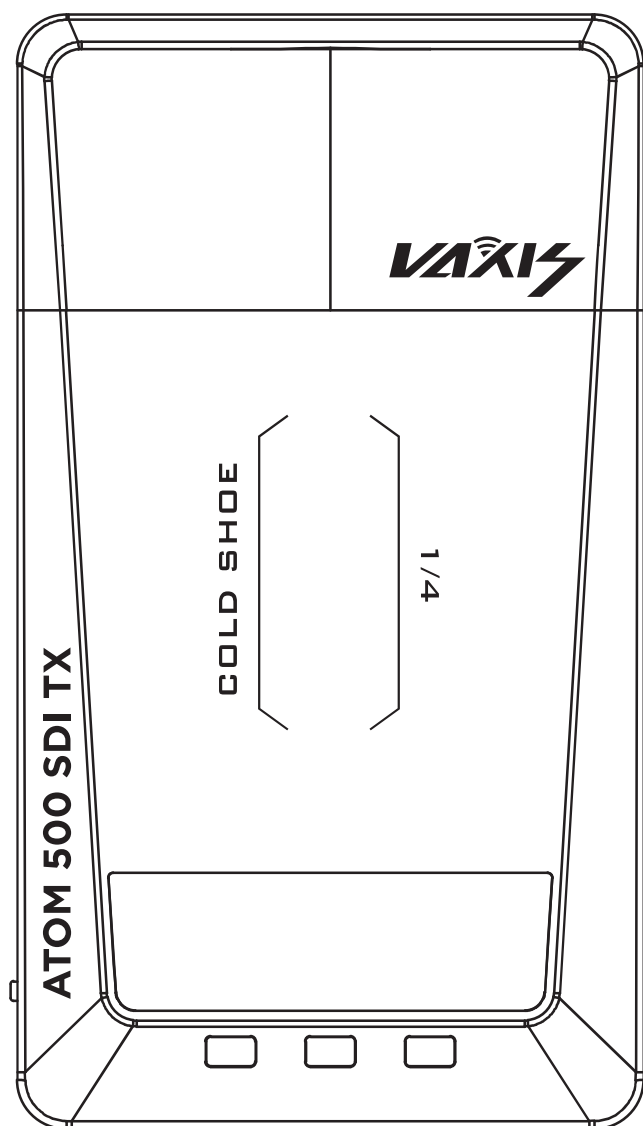
APP CONNECTION ISSUES

1. Check the number of connected APP device. 1 transmitter can connect with/up to a maximum of 3 devices for wireless monitoring.

Specification

	TX	RX
Interface	HDMI input/SDI input	HDMI output/SDI output
voltage	5V DC	5V DC
Power	<5w	<3w
HDMI Input Video Format	720P@50/60Hz 1080I@50/60Hz 1080P@24/25/30/50/60Hz	/
HDMI Output Video Format	/	720P@50/60Hz 1080I@50/60Hz 1080P@24/25/30/50/60Hz
SDI Input Video Format	720P@50/60Hz 1080I@50/59.94/60Hz 1080P@23.98/24/25/29.97/30 50/59.94/60Hz 1080PSF23.98/24//25/29.97/30Hz	/
SDI Output Video Format	/	720P@50/60Hz 1080I@50/60Hz 1080P@24/25/30/50/60Hz
Weight	170g	170g
Dimensions	113*63.5*20mm	113*63.5*20mm
Frequency	5GHz	
Transmission Power	17dbm	
Delay	80ms	
Rx sensitivity	-80dbm	





湖南光魔科技有限公司
HN Gmcine Technology Co., Ltd.

电话: +86400-014-7080



Ⓔ 214-114453 Ⓔ 214-114454

Ⓔ 214-110541 Ⓔ 214-110540



威固官方网站



微信公众号