

产品介绍:

多功能HDMI通断检测仪,可快速鉴别线芯通断情况。
可快速区分通信速率档位, 1080、4K。

可检测但不限于:

标准HDMI to 标准HDMI
MiniHDMI to MiniHDMI
MicroHDMI to MicroHDMI
标准HDMI to MiniHDMI
标准HDMI to MicroHDMI

可检测不同组合的HDMI线束, 但引脚定义是固定的, 可根据引脚定义确定相关功能。

优势: 不需要外部供电, 自带纽扣电池可更换设计, 使用寿命与频次有关, 不用不耗电。

电池型号: CR2032

发货说明: 主机x1、纽扣电池x1、底壳x1

尺寸: 6.7X4.5CM

本店所售商品均有专利保护, 抄袭请注意法律风险。

Product Introduction

The multi-functional HDMI continuity tester can quickly identify the continuity of the cable core.

It can quickly distinguish between communication rate levels, such as 1080 and 4K.

The detectable types include but are not limited to: standard HDMI to standard HDMI, MiniHDMI to MiniHDMI, MicroHDMI to MicroHDMI, standard HDMI to MiniHDMI, and standard HDMI to MicroHDMI

It can detect different combinations of HDMI cable harnesses, but the pin definitions are fixed. Relevant functions can be determined based on the pin definitions.

Advantages: No external power supply required, comes with a replaceable button battery design, service life is related to frequency, and it doesn't consume power when not in use.

Battery Model: CR2032 Shipping Instructions: 1 x Host, 1 x Button Battery, 1 x Bottom Shell Dimensions: 6.7 x 4.5 CM

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快速使用说明



插入两端
形成回路

Insert both ends of the
detector to form a loop



Micro HDMI



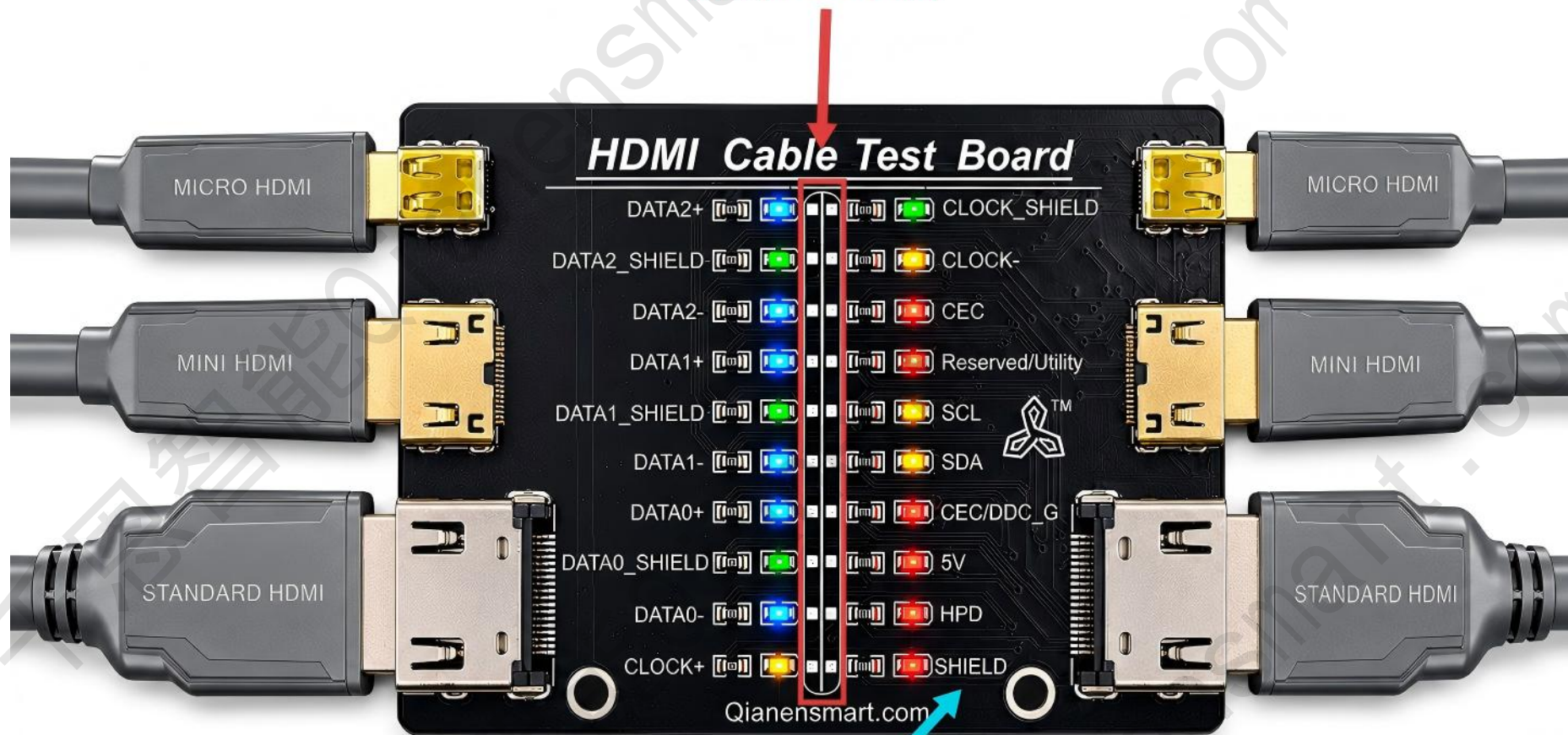
Mini HDMI



标准 HDMI

可检测接口类型

测试Marker点



红色灯：电源与功能区

蓝色灯：信号区

绿色灯：信号接地

黄色灯：时钟与IIC信号区

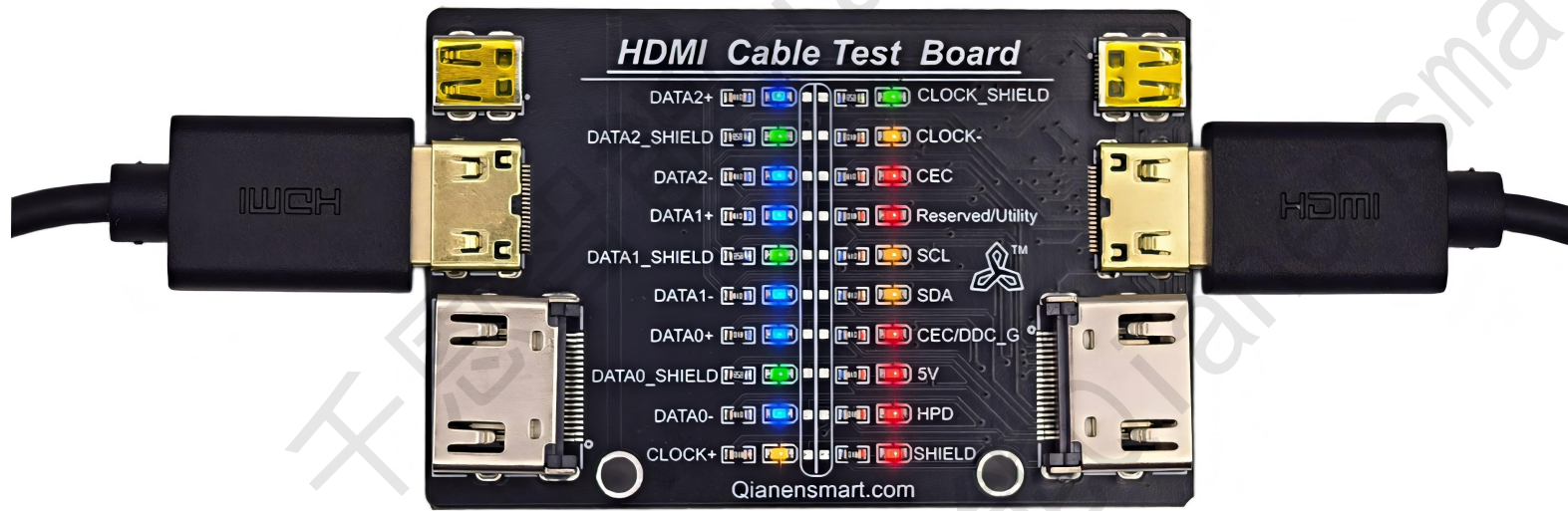
SHIELD
屏蔽外壳

管脚编号	信号名称	功能描述
1	TMDS Data2+	TMDS通道2正信号, 用于高速数据传输 (视频、音频和辅助数据)
2	TMDS Data2 Shield	TMDS通道2屏蔽接地, 减少电磁干扰
3	TMDS Data2-	TMDS通道2负信号, 与Data2+组成差分对
4	TMDS Data1+	TMDS通道1正信号, 用于高速数据传输
5	TMDS Data1 Shield	TMDS通道1屏蔽接地
6	TMDS Data1-	TMDS通道1负信号, 与Data1+组成差分对
7	TMDS Data0+	TMDS通道0正信号, 用于高速数据传输
8	TMDS Data0 Shield	TMDS通道0屏蔽接地
9	TMDS Data0-	TMDS通道0负信号, 与Data0+组成差分对
10	TMDS Clock+	TMDS时钟正信号, 提供数据同步时钟
11	TMDS Clock Shield	TMDS时钟屏蔽接地
12	TMDS Clock-	TMDS时钟负信号, 与Clock+组成差分对
13	CEC	消费电子控制, 用于设备间控制信号 (如遥控器命令)
14	Reserved (HDMI 1.4+: Utility/HEAC+)	HDMI 1.4+中用于HEAC (HDMI以太网和音频回传通道) 正信号, 早期版本保留
15	SCL	DDC (显示数据通道) 的I2C时钟信号, 用于EDID和HDCP通信
16	SDA	DDC的I2C数据信号, 与SCL配合传输显示器信息和加密数据
17	DDC/CEC Ground	DDC和CEC的接地参考
18	+5V Power	提供5V电源 (最大50mA), 为EDID芯片等低功耗设备供电
19	Hot Plug Detect (HPD)	热插拔检测信号, 检测设备连接状态, HDMI 1.4+中兼作HEAC-信号

**重要引脚说明
务必仔细阅读**

**Be sure to read the
important pin
descriptions carefully**

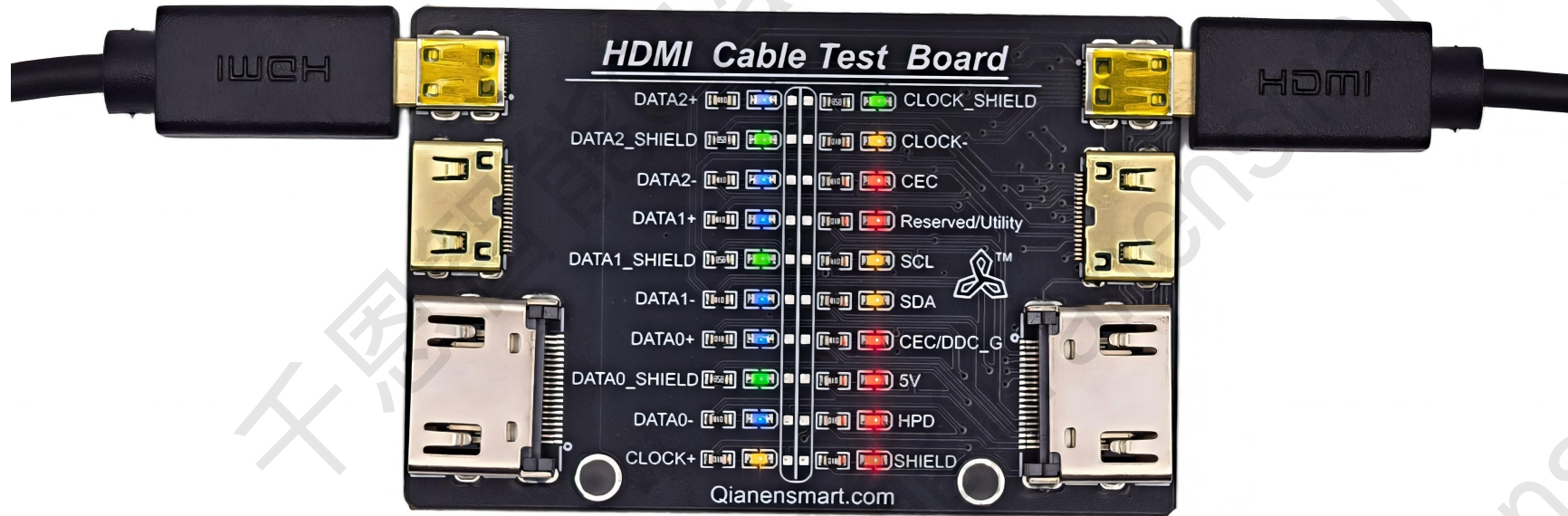
4K MiniHDMI



信号灯全亮，通4K 60Hz

All traffic lights are illuminated,
supporting 4K 60Hz

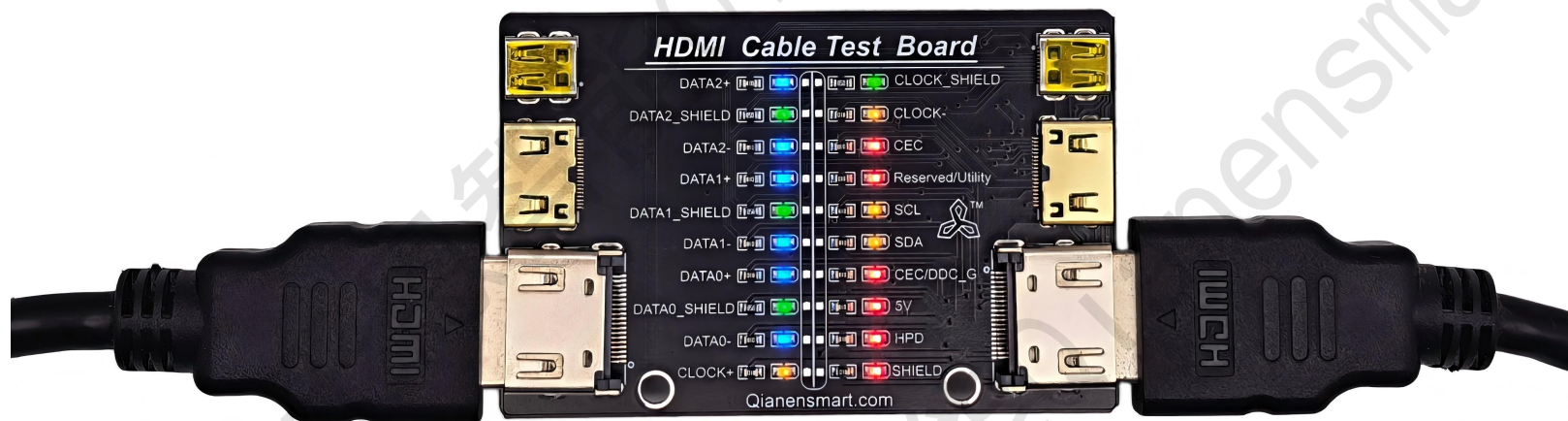
4K Micro HDMI



信号灯全亮，通4K 60Hz

All traffic lights are illuminated, supporting 4K 60Hz

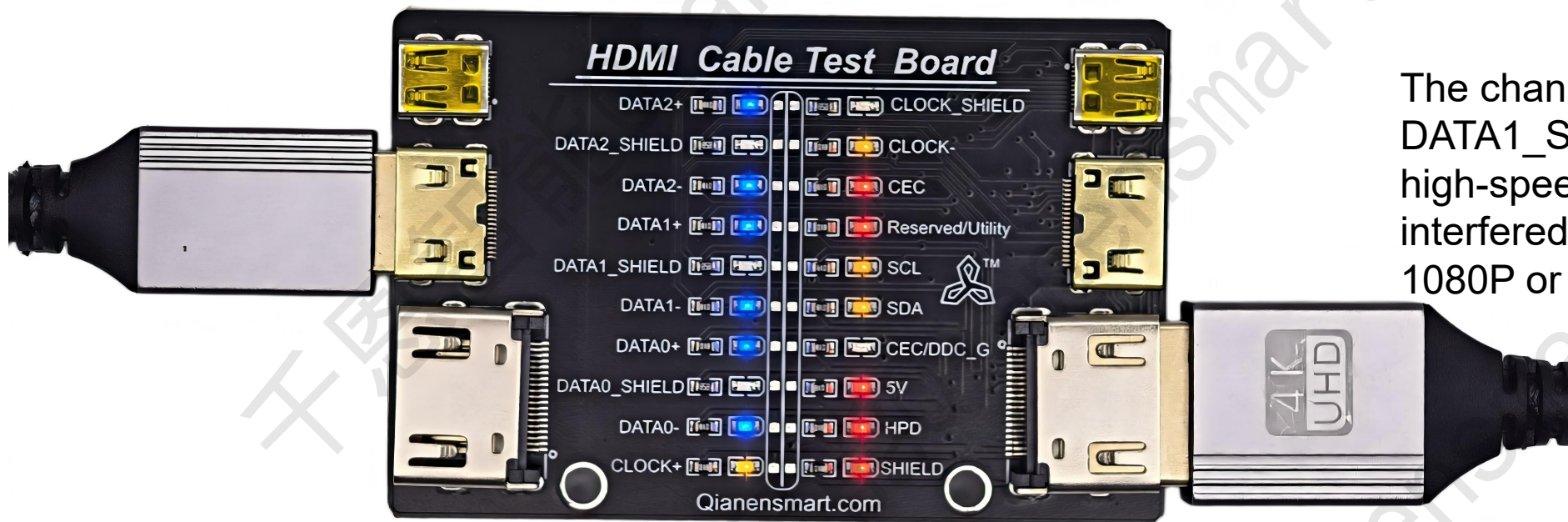
4K 标准HDMI



信号灯全亮，通4K 60Hz

All traffic lights are illuminated,
supporting 4K 60Hz

标准HDMI转MiniHDMI

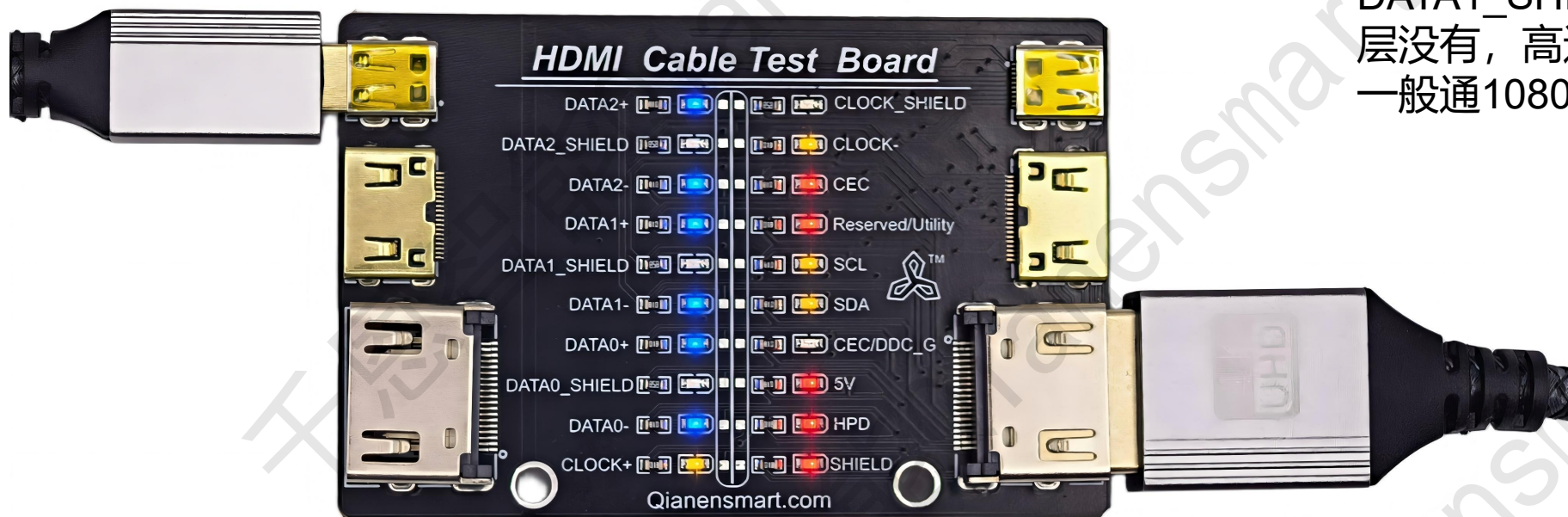


没有信号屏蔽层，1080P或4K30Hz

DATA1_SHIELD等通道屏蔽层没有，高速信号受干扰严重一般通1080P或者4K30Hz视频信号。

The channel shielding layer such as DATA1_SHIELD is not present, and high-speed signals are severely interfered with, typically resulting in 1080P or 4K30Hz video signals.

标准HDMI转Micro HDMI



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背部CR2032电池, 可更换

CR2032 battery, with replaceable design