

VGA转YPbPr&AV信号转换器

特别提示

在使用本产品之前，请务必先仔细阅读本产品使用说明书。
请务必妥善保管好本书，以便日后能随时查阅。
请在充分理解内容的基础上，正确使用。

本公司保留对产品进行更改的权利，由于技术更新产品参数变化恕不另行通知。

产品简介

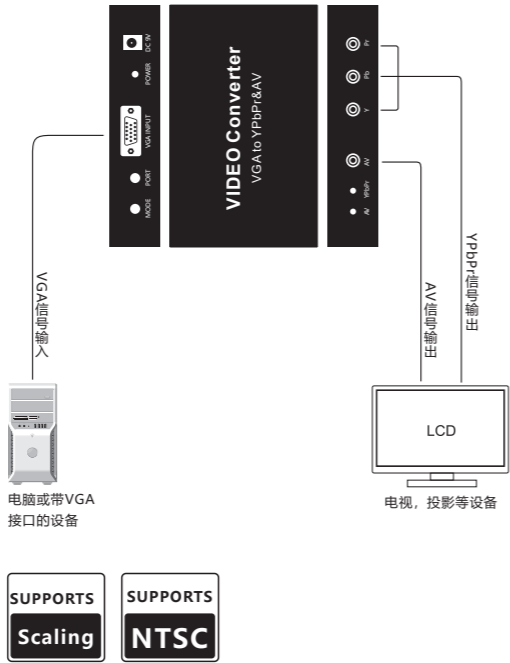
VYA视频转换器是一款可以将VGA信号转成YPbPr(色差分量信号)和AV(CVBS)的视频转换器。可通过按键选择输出YPbPr或AV视频信号传输至显示器。支持YPbPr输出分辨率可调；即插即用，无需安装任何软件，使用方便。

产品特点

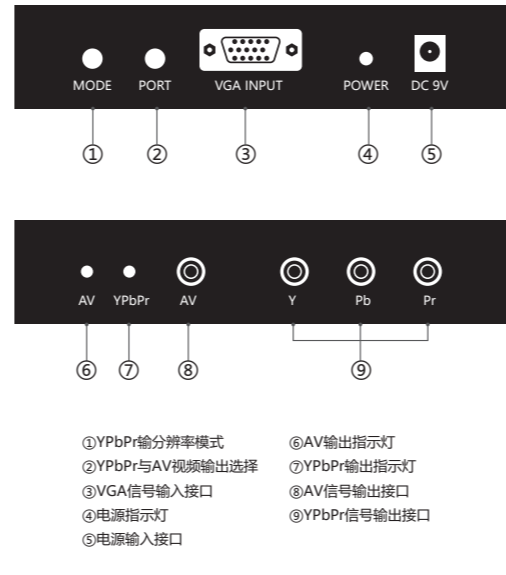
- 一路VGA信号输入可以转换成YPbPr或AV信号输出；
- 支持VGA输入分辨率：640×480, 800×600, 1024×768, 1280×720, 1280×768, 1280×960, 1280×1024, 1360×768, 1440×900, 1600×1200, 1680×1050, 1920×1080.@60Hz;
- 支持YPbPr输出分辨率可调；
- 支持YPbPr输出分辨率：480P, 720P, 1080P/60Hz;
- 支持 NTSC 制式视频输出格式；
- 支持外置5-12V的宽电源输入；
- 通过按键选择YPbPr和AV信号输出；
- 芯片集成Scaling。

(以产品实物为准)

连接示意图



接口描述



- ①YPbPr输分辨率模式
- ②YPbPr与AV视频输出选择
- ③VGA信号输入接口
- ④电源指示灯
- ⑤电源输入接口
- ⑥AV输出指示灯
- ⑦YPbPr输出指示灯
- ⑧AV信号输出接口
- ⑨YPbPr信号输出接口

技术参数

注：该VGA信号输入需要使用标准的VGA电缆或适配器。	
VGA视频输入	
分辨率	640×480,800×600,1024×768,1280×720,280×768, 1280×960, 1280×1024, 1360×768, 1440×900, 1600×1200, 1680×1050, 1920×1080.@60Hz
标准	VGA
输入电缆长度	20M-24AWG线(最远)
YPbPr视频输出	
数量/信号类型	1×YPbPr
连接器	3×RCA 插座
分辨率	480P,720P,1080P.@60Hz
输出电缆长度	20M-24AWG线(最远)
AV视频输出	
数量/信号类型	1×VIDEO
连接器	1×RCA 插座
视频格式	NTSC
输出电缆长度	20M-75欧姆同轴线(最远)
一般规格	
电源：外置电源	100 V AC~240 V AC, 50/60 Hz, 外置；至12 V DC, 1 A, 已调制
工作温度/湿度	0~40°C/5~85%RH(无冷凝)
安装：机架安装	无
机壳	金属
外壳尺寸	102mm×71mm×25mm
产品重量	0.22kg

安全使用须知

为确保设备可靠使用及人员的安全，请在安装、使用和维护时，请遵守以下事项：

- 请勿在下列场所使用本产品：有灰尘、油烟、导电性尘埃、腐蚀性气体、可燃性气体的场所；暴露于高温、结露、风雨的场合；有振动、冲击的场合。电击、火灾、误操作也会导致产品损坏和恶化；
- 避免带电状态进行接线、插拔电缆插头，否则容易导致电击，或导致电路损坏；
- 安装和接线必须牢固可靠，接触不良可能导致误操作；
- 本产品通过电源线的接地导线接地，为避免电击，必须将接地导线与大地相连，在对本产品的输入端或输出端进行连接之前，请务必将本产品正确接地；
- 必须将外部电源全部切断后，才能进行安装、接线等操作，否则可能引起触电或设备损坏；
- 在下列情况下，请立即断开电源，并与公司联系：
 1. 设备进水；
 2. 设备摔坏或机壳破裂；
 3. 设备工作异常或展示的性能已完全改变；
 4. 设备产生气味、烟雾或噪音。
- 请不要自己修理设备，除手册中有明确指示外。

VGA to YPbPr&AV Converter

Special Notification

Before using this product, please read this manual carefully.
Please keep this manual for future reference.
The company may change the fuction of product without notice.

Product Introduction

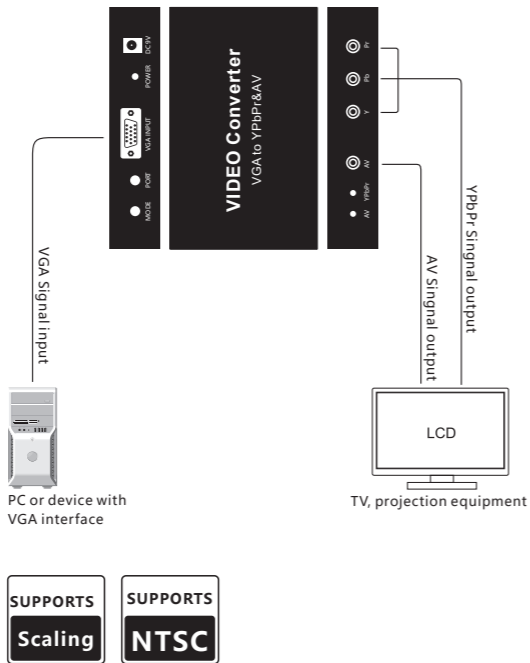
VYA is a video converter, can turn VGA signal into YPbPr and Video (CVBS) signal. By pressing buttonto select YPbPr or Video singal to display. Support YPbPr output resolution adjustment. Plug and play,no need extra software, easy to use.

Features

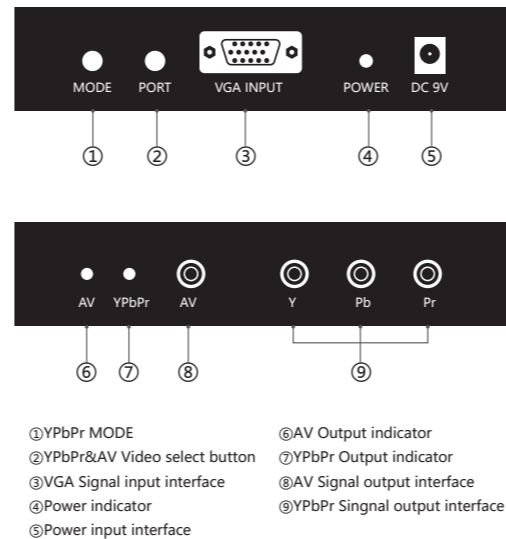
- One way VGA signal input can be converted to YPbPr or AV signal output;
- Support VGA input resolution：640×480, 800×600, 1024×768, 1280×720, 1280×768, 1280×960, 1280×1024, 1360×768, 1440×900, 1600×1200, 1680×1050, 1920×1080.@60Hz;
- Support YPbPr output adjustable resolution;
- Support YPbPr output resolution: 480P, 720P, 1080P/60Hz;
- Support NTSC video output format;
- Wide input power 5-12V support;
- Select the YPbPr and the AV signal output through the button;
- Chip integration Scaling.

(To prevail in kind)

Connection Diagram



Interface Description



- ①YPbPr MODE
- ②YPbPr&AV Video select button
- ③VGA Signal input interface
- ④Power indicator
- ⑤Power input interface
- ⑥AV Output indicator
- ⑦YPbPr Output indicator
- ⑧AV Signal output interface
- ⑨YPbPr Singnal output interface

Technical Parameters

Note: the HDMI signal input/output need to use the standard HDMI cable or adapter.	
VGA Video input	
Resolutions	640×480,800×600,1024×768,1280×720,280×768, 1280×960, 1280×1024, 1360×768, 1440×900, 1600×1200, 1680×1050, 1920×1080.@60Hz
Signal standard	VGA
Input cable length	20M-24AWG (MAX)
YPbPr Video output	
Number/type of signal	1×YPbPr
Connector	3XRCA Connector
Resolutions	480P,720P,1080P.@60Hz
Out cable length	20M-24AWG (MAX)
AV Video output	
Number/type of signal	1×VIDEO
Connector	1XRCA Connector
Video format	NTSC
Out cable length	20M-75Ohm coaxial line (MAX)
General	
Power Supply	Input: 100-240 VAC, 50-60 Hz Output: 5 VDC, 1 A, 12 watts
Temperature /humidity	Work: 0~40°C/5~85%RH (No-condensing)
Rack installation	No
Casing	Metal
Size	102mm×71mm×25mm
Weight	0.22kg

The matters needing attention of installation

In order to ensure the reliable performance of the equipment and the safety of the user, please observe the following matters during the process of installation, use and maintenance.

- Please do not use this product in the following places: the place of dust, soot and electric conductivity dust, corrosive gas, combustible gas; the place exposed to high temperature, condensation,wind and rain; the occasion of vibration and impact. Electric shock, fire, wrong operation can lead to damage and deterioration to the product, either;
- Should avoid wiring and inserting cable plug in charged state, otherwise it is easy to cause the shock, or electrical damage;
- The installation and wiring should be strong andreliable, contact undesirable may lead to false action;
- This product grounds by the grounding wires. To avoid electric shocks, grounding wires and the earth must be linked together. Before the connection of input or output terminal, please make sure this product is correctly grounded;
- Only after cutting down all external power source, can install, wiring operation begin, or it may cause electric shock or equipment damage;
- Please do not dismantle the equipment, avoid damaging the internal electrical component.