

# PC Balun - VGA Extender

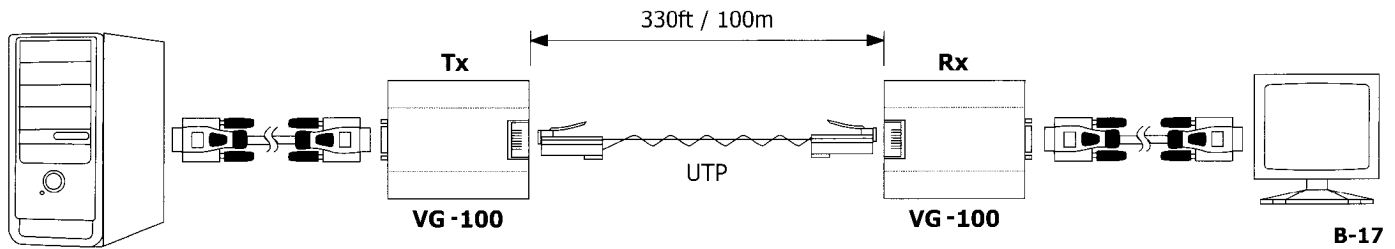
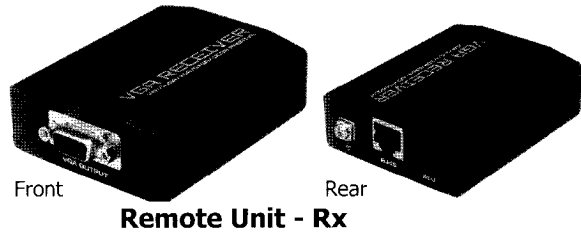
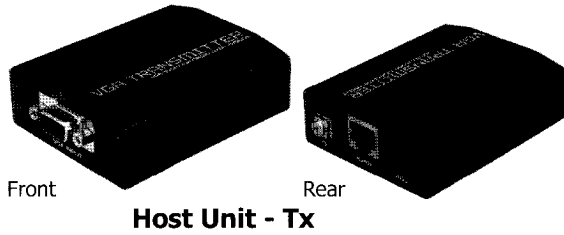
## VGA Extender

### VG -100

- Image quality can be adjusted with ADJ adjustor based on different distance
- High video resolution depends on the length and quality of UTP cable with standard 1024x768 and up to 1280x1024 @ 60Hz
- Exceptional interference rejection

### ★ VG -100

Video Signal Disposal IC Made in Netherlands *by NXP*  
 Video Signal Disposal IC Made in USA *by Texas Instruments*



## VGA, PS2 / USB Keyboard, & Mouse Extender

### VK -PS2 PS2 VK -USB USB

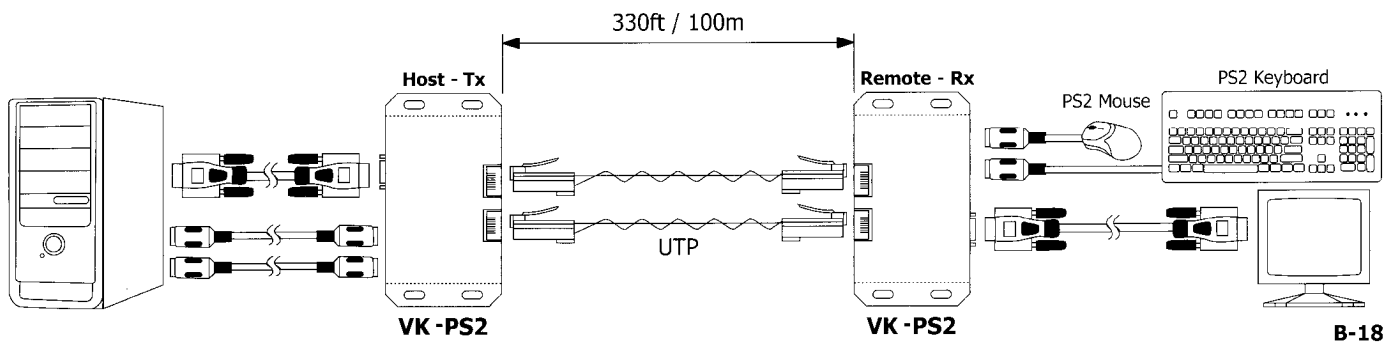
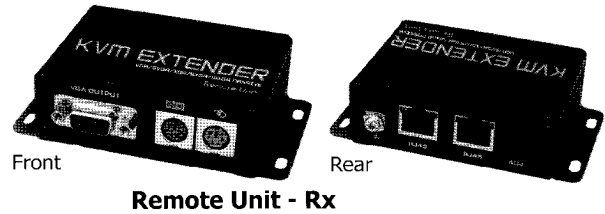
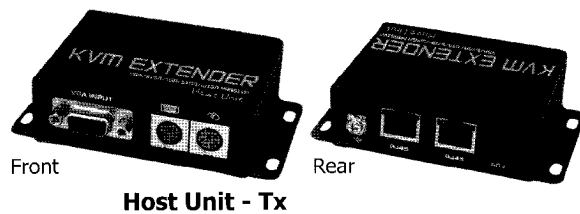
- Image quality can be adjusted with ADJ adjustor based on different distance
- High video resolution depends on the length and quality of UTP cable with standard 1024x768 and up to 1280x1024 @ 60Hz
- Exceptional interference rejection

### ★ VK -PS2

Video Signal Disposal IC Made in Netherlands *by NXP*  
 Video Signal Disposal IC Made in USA *by Texas Instruments*  
 Data Communication IC Made in USA *by Texas Instruments*

### ★ VK -USB

Data Communication IC Made in USA *by Texas Instruments*



# PC Balun - VGA Extender - Continued

## Long Range VGA, PS2 / USB Keyboard & Mouse Split Extender

**VK-PS21000 PS2**  
**VK-USB1000 USB**

- High video resolution depends on the length and quality of UTP cable with standard resolution 1024x768 and up to 1600x1200 @ 60Hz
- Exceptional interference rejection

★ **VK-PS21000 & VK-USB1000**

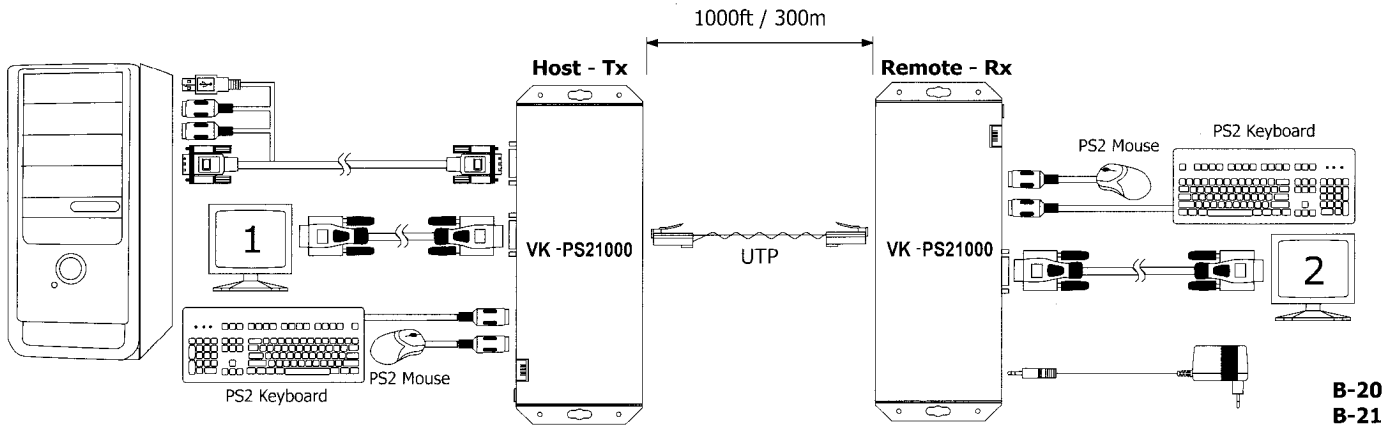
**Video Signal Disposal IC** Made in USA *by Intersil*  
**Data Communication IC** Made in USA *by Sipex*  
**LDO Power IC** Made in USA *by STMicroelectronics*  
**Data Communication IC** Made in Taiwan *by CHESEM*



Host Unit - Tx



Remote Unit - Rx



B-20  
B-21

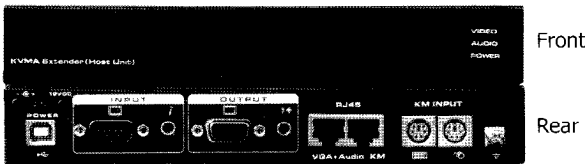
## Long Range VGA, PS2 / USB Keyboard, Mouse, & Speaker Extender

**VAK-PS21000 PS2**  
**VAK-USB1000 USB**

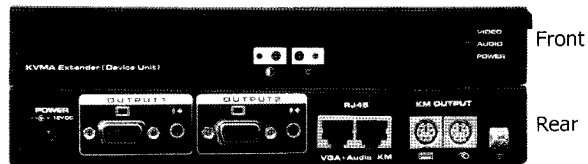
- High video resolution depends on the length and quality of UTP cable with standard resolution 1024x768 and up to 1600x1200 @ 60Hz
- Exceptional interference rejection

★ **VAK-PS21000 & VAKEUSB1000**

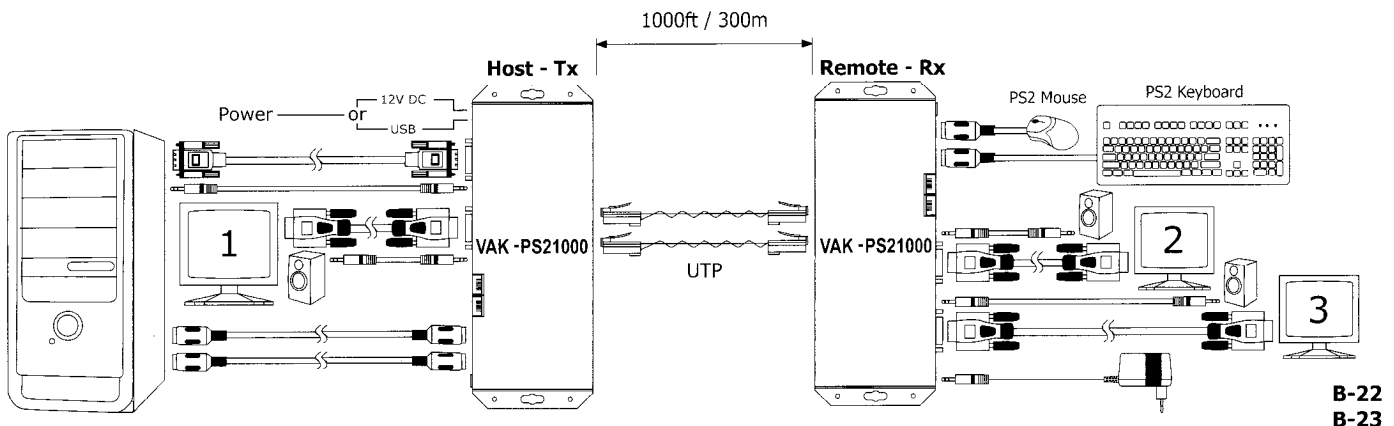
**Video Signal Disposal IC** Made in USA *by ADI*  
**LDO Power IC** Made in USA *by STMicroelectronics*  
**DCDC Power IC** Made in USA *by National Semiconductor*  
**Audio Signal Disposal IC** Made in USA *by Intersil*



Host Unit - Tx



Remote Unit - Rx



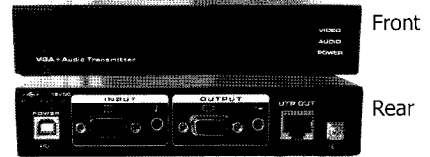
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# PC Balun - VGA Distributors

## Long Range VGA & Speaker 1 in 2 out Transmitter

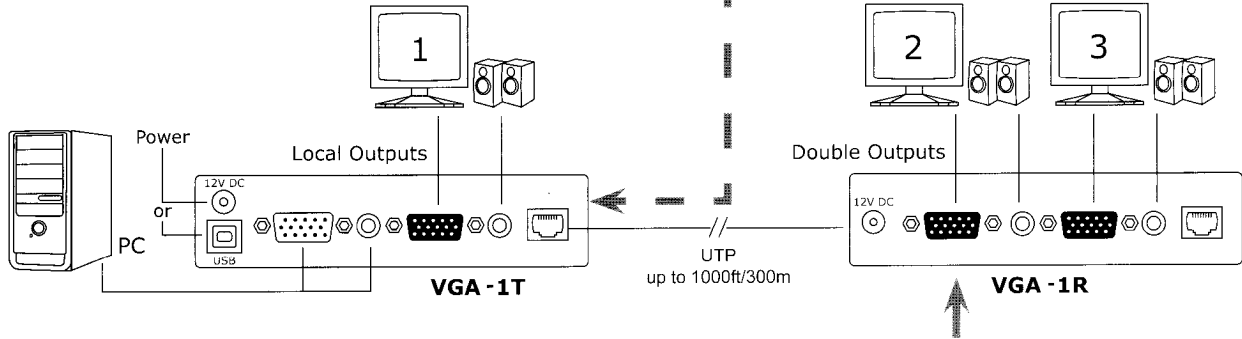
VGA -1T 1-Channel

Host Unit - Tx



B-24

A)



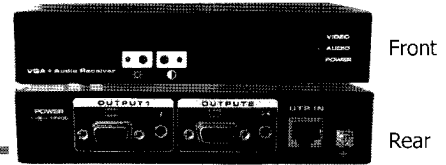
## Long Range VGA & Speaker Receiver

VGA -1R use with VGA -1T and/or VGA -4T

Note: Each Remote Unit can Connect 2 Additional Outputs

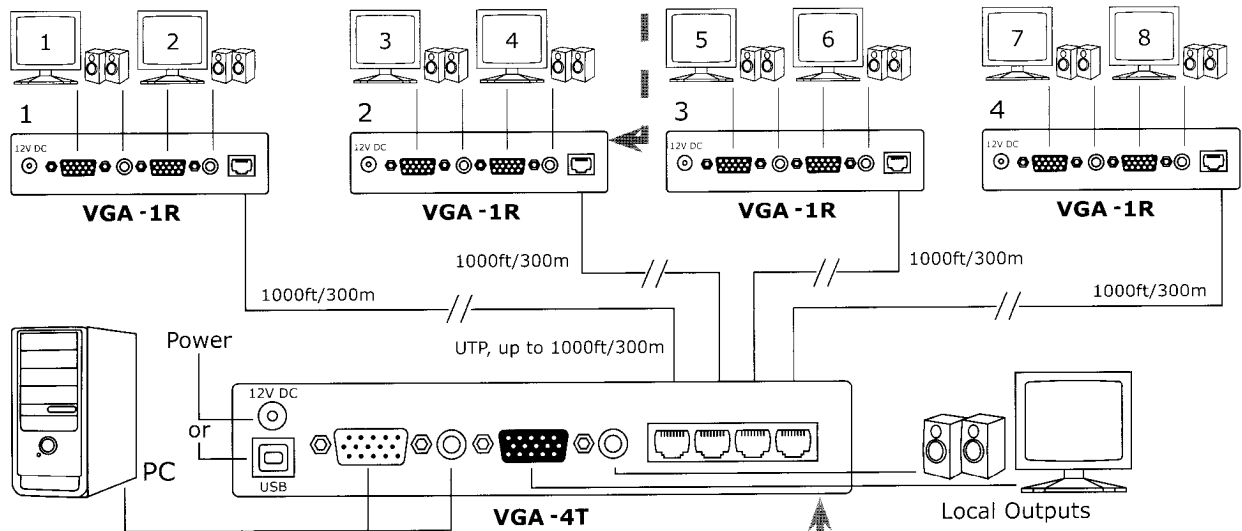
- High video resolution depends on the length and quality of UTP cable with standard resolution 1024x768 and up to 1600x1200 @ 60Hz
- Exceptional interference rejection

Remote Unit - Rx



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B)



## Long Range VGA & Speaker 1 in 4 out Transmitter

VGAE4T 4-Channel

Host Unit - Tx



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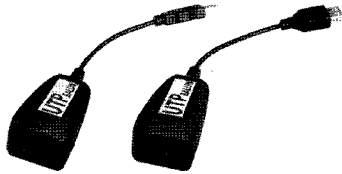
### ★ VGAE Series VGA Distributors

Video Signal Disposal IC Made in USA *by Intersil*  
 Audio Signal Disposal IC Made in USA *by Intersil*  
 DCDC Power IC Made in USA *by National Semiconductor*  
 LDO Power IC Made in USA *by STMicroelectronics*

# USB Extender

## USB Extender

### USB-Mini

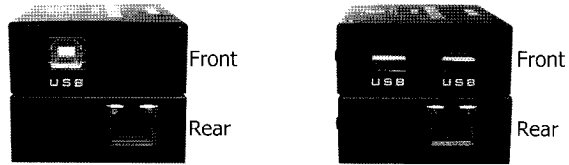


Host Unit - Tx Remote Unit - Rx

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## USB Extender

### USB-Hub

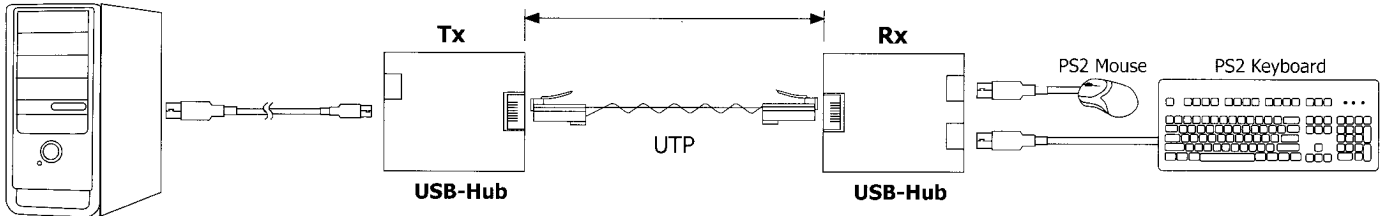


Host Unit - Tx

Remote Unit - Rx

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**Low Speed** on **USB1.1** or **USB2.0** the transmitter distance is up to **300ft/100m** like mouse and keyboard  
**Full Speed** on **USB1.1** or **USB2.0** the transmitter distance is up to **100ft/35m** like USB camera, USB 1.1 printer

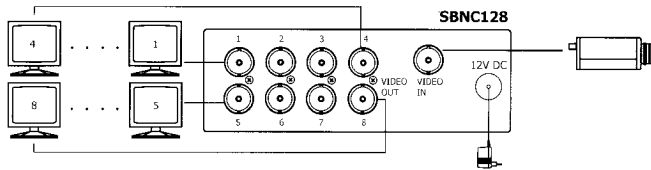


If USB receiving side connects with USB Hub, the transmission will be reduced to **100ft/35m**

## New Products Coming Soon!

### Video Distributor Over RG59 Coax Cable

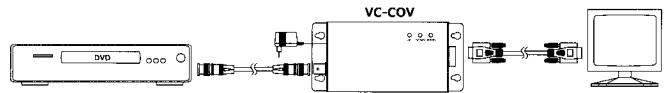
**SBNC128** 1 in 8 out, also AV for 1 in 2 out, 1 in 4 out



### VGA Converter - Analog to Digital

**VC-COV**

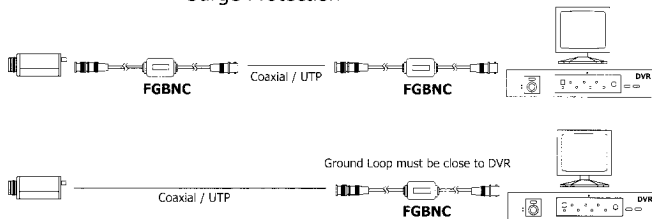
Video (BNC) to VGA Converter, Built-in **OSD**,  
 Support NTSC: 640x480 PAL: 765x576



\*High Resolution Also Available

### Video Filter with Ground Loop Isolator

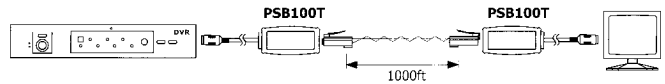
**FGBNC** Built-in TVS (Transient Voltage Suppressor) for Surge Protection



### S-Video Passive Balun

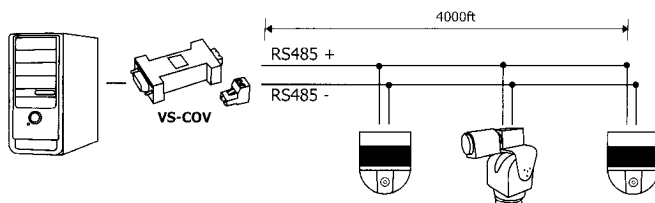
**PSB100TK**

Passive S-Video Male to RJ45 Jack up to 1000ft



### RS232 to RS485 Converter

**RS-COV**



\*No Power Required

### Power Converter 1000mA

**PC-1AMP**

14V ~ 24V AC to 12V DC with Regulated Power

