

# VIDEO AMPLIFIER

VA 121, VA 121A, VA 242, VA 121X

**VA 121**



**1 IN TO 1 OUT VIDEO AMPLIFIER**

**VA 121A**



**1 IN TO 1 OUT VIDEO & AUDIO AMPLIFIER**

**VA 424**



**4 IN TO 4 OUT VIDEO AMPLIFIER**

## FEATURES VA121, VA121A, VA424

- Wide Bandwidth, video gain compensation amplification
- Video and Audio level adjustment (VA121A)
- HF compensation
- Sharpness and Brightness adjustment
- Transmission Range : 1000meters
- Red LED : power on/off
- It can be connected video camera, multiplexer, VCR, DVR, etc
- Power Supply included

**VA 121X**



**1 INPUT TO 1 OUTPUT VIDEO AMPLIFIER  
WITH EXTRA INTERFERENCE REJECTION**

## FEATURES VA121X

- Wide bandwidth, video gain compensation amplification
- Perfect to maintain good quality picture for long-range transmission with DVR
- Use with VA121, transmission range could up to 2 km
- HF, MF, LF compensation for color gain and adjustable brightness & contrast for cleaner, sharper looking picture
- Built in Input Impedance, Balance, Liner Gain adjustment
- Built in Surge Protection
- Red LED : as power on indicator
- Power Supply included

## SPECIFICATION

| MODEL                | VA121                     | VA121A | VA424 |
|----------------------|---------------------------|--------|-------|
| Video Input Channel  | 1                         | 1      | 1     |
| Video Output Channel | 1                         | 1      | 1     |
| Audio Input Channel  | x                         | 1      | x     |
| Audio Output Channel | x                         | 1      | x     |
| Video Input Level    | 0.8 ~ 1.2 Vp-p, 75 ohms   |        |       |
| Video Output Level   | 1Vp-p (standard), 75 ohms |        |       |
| Video Bandwidth      | 10Hz-10Mhz                |        |       |
| Transmission Range   | 1000meters                |        |       |
| Power Supply         | DC12V/AC24V               |        |       |
| Power Consumption    | 100mA                     |        | 220mA |
| Dimensions (mm)      | 138 x 84 x 28             |        |       |
| Weight (g)           | 110                       |        | 240   |
| Material             | ABS Black                 |        |       |

## SPECIFICATION

| MODEL                 | VA101X   |
|-----------------------|--|
| Video Input           | 0.12-2 Vpp   |
| Input impedance       | 45 - 175 Ohms  |
| Video Output          | 1Vp-p, 75 ohms                                       |
| Freq. response        | 50Hz -5Mhz (-3dB)                                    |
| Disturbance reduction | > 70dB, 50Hz   |
| Gain adjustment       | +6dB ... +60dB at 5MHz                               |
| Noise                 | -50dB at +40dB gain adj.<br>-47dB at +60dB gain adj. |
| Power Consumption     | DC12V, 150mA (max)                                   |
| Input protection      | Surge arrester                                       |
| Indicators            | LED(Red) - power on                                  |
| Dimensions (mm)       | 138(W) x 77(H) x 28(D)                               |
| Material              | ABS  |

