



4-Channel Active Video Balun Receivers

Model: VBA400R



Features:

- Transmit a full motion color or monochrome video signal. Color range 4900Ft / 1500M, B/W video signal up to 7800Ft / 2400M.
- 4 channel active receiver hub, built-in 4 pieces VBA100R.
- Built in transient protection and ground lifting, damaging voltage spike problems are eliminated.
- Use VB400T 4 channel passive video transceiver as a transmitter to work with Active VBA400R receiver; transmission range is 3000Ft / 1000M.
- Red LED: Power on/off.
- Power supply included.

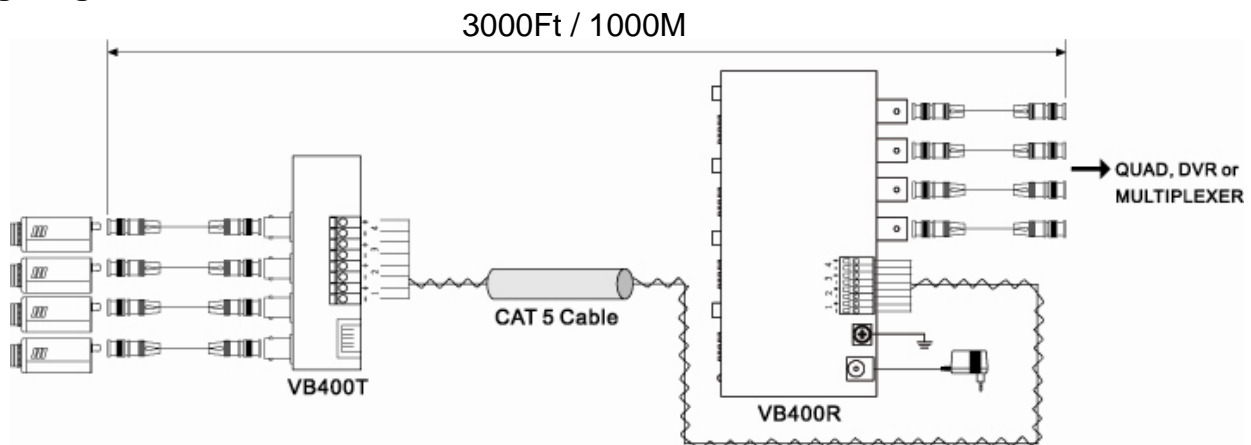


Front



Rear

Wiring Diagram:



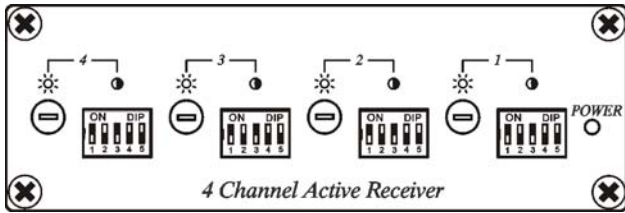
Troubleshooting:

All transmission distances mentioned above are without connecting image processors (e.g. Quad, Multiplexer, or DVR). The transmission range would be reduced to 300-600Ft (100-200M) upon different camera, cable, DVR, etc.

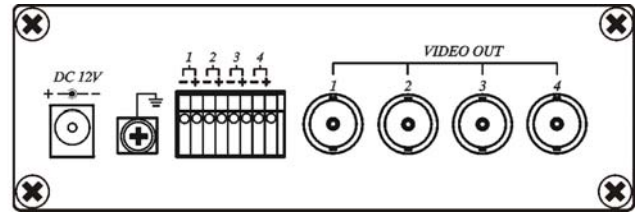
These products are designed for long range transmission, utilizing the built-in video amplifier function. If your transmission range is under 300 feet (100 meters), setting the video gain function too high will result in snowy, wavy, or overly bright images. It is recommended that this product be used for long transmission distances over 100M. For shorter distances use an alternate passive video transceiver such as the VB100S or VB100T series.

The active receiver has a switch with 5 different distance ranges for the range of transmissions. Please switch to the appropriate range upon your application to avoid any weak or bad image.

Panel View:



Front View



Rear View

VIDEO GAIN ADJUSTING (Receiver)													
	<table border="1"> <tr> <td>Press 1</td> <td>0 ~ 980Ft</td> <td>Press 4</td> <td>2950 ~ 3935Ft</td> </tr> <tr> <td>Press 2</td> <td>980 ~ 1950Ft</td> <td>Press 5</td> <td>3935 ~ 4920Ft</td> </tr> <tr> <td>Press 3</td> <td>1950 ~ 2950Ft</td> <td></td> <td></td> </tr> </table>	Press 1	0 ~ 980Ft	Press 4	2950 ~ 3935Ft	Press 2	980 ~ 1950Ft	Press 5	3935 ~ 4920Ft	Press 3	1950 ~ 2950Ft		
Press 1	0 ~ 980Ft	Press 4	2950 ~ 3935Ft										
Press 2	980 ~ 1950Ft	Press 5	3935 ~ 4920Ft										
Press 3	1950 ~ 2950Ft												

RJ-45 Jack		
PIN	Color	Function
1	W-O	D1-
2	O	D1+
3	W-G	Audio +
4	BL	D2+
5	W-BL	D2-
6	G	Audio -
7	W-BR	Video +
8	BR	Video -

JACK POSITION

Specification

Model Number	VBA400R
Video Input / Output	BNC Connector
Video Signal	1V p-p, 75 Ohms
Power	12V DC
Power Consumption	150mA(max)
Dimensions W X H X D mm	120 x 133 x 44mm

FCC CE C-TICK