



8-Channel Active Video Balun Receiver

Model: VBAU800R-1U



The VBAU800R-1U is an eight channel active device that allows reception of real-time monochrome (B&W) or color video using Unshielded Twisted Pair (UTP) cable. The unit receives eight channels of video from transmitter with both RJ45 and screw terminals that's available for connections and provides eight pairs of BNC video outputs.

The unit is compatible with active transmitter (e.g. VBAU100T) and passive transceivers (e.g. VBU100T, VBU400T) with transmission distance up to 1200M / 4000Ft and 600M / 2000Ft respectively. Each switch can be independently adjusted for the different transmission distances and image quality based upon the type and quality of the cable being used. Housed in a standard 1U structure, VBAU800R-1U is rack mountable and excellent for large surveillance system installation.

Features:

- Transmission distance up to 600M / 2000Ft working with passive transceivers (e.g. VBU100T, VBU400T)
- Transmission distance up to 1200M / 4000Ft working with active transmitter (e.g. VBAU100T)
- Supports all bandbase signals including PAL, NTSC, SECAM.
- Signal Transmission via UTP CAT5 / CAT5e.
- Transmission Signal 1Vpp Composite Video.
- 8 Port Active Receiver Hub in 1U Rack Mounting Panel.
- Video receiving connectors with both RJ45 connector and screw type terminals.
- Multi video transceivers can be installed onto one compact 19" wide 1U panel.
- Panels can reside in the same rack as other equipment, such as switchers, multiplexers, DVR, video conferencing equipment, etc.
- Highly built-in balanced mode of video transmission for extra interference immunity.
- Built-in transient protection and ground lifting.
- Built-in Filter: 0-6MHz
- They are perfect for larger CCTV installations and ideal for security monitoring stations.
- Power supplied 12V DC

Rear



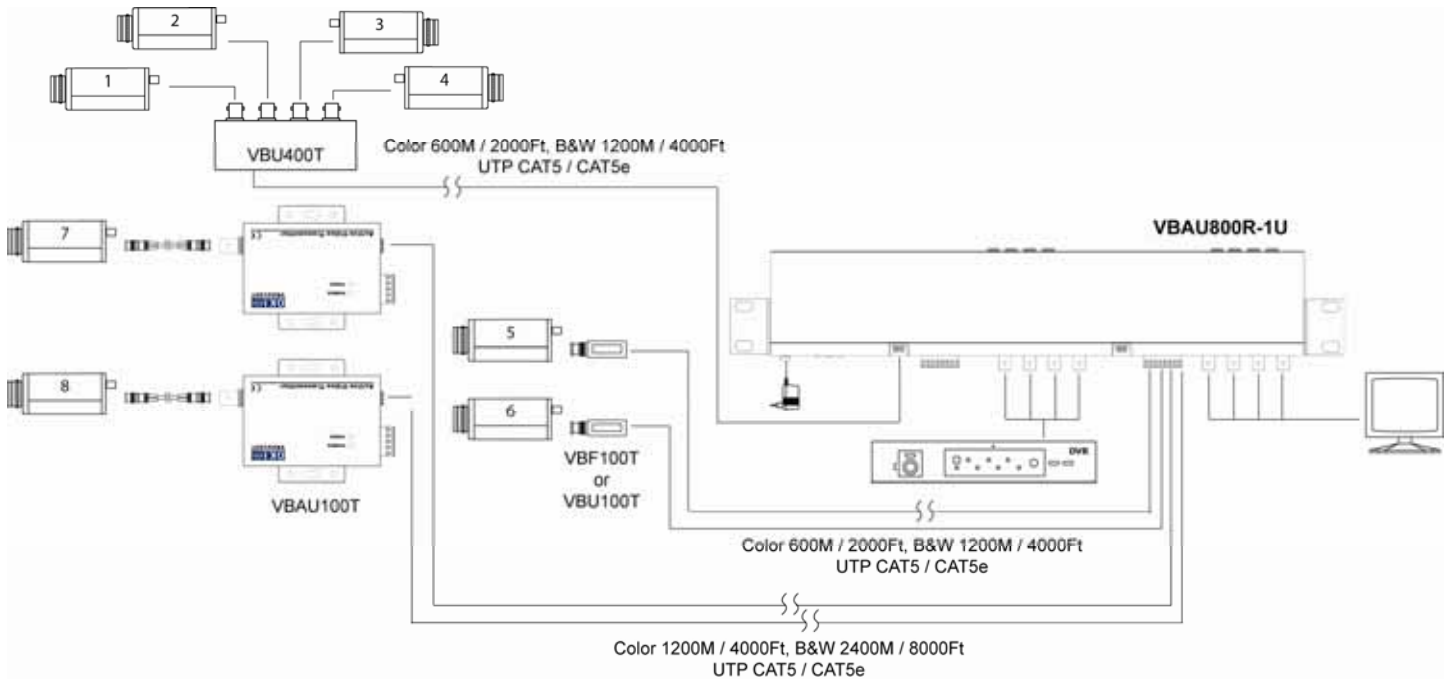
Front



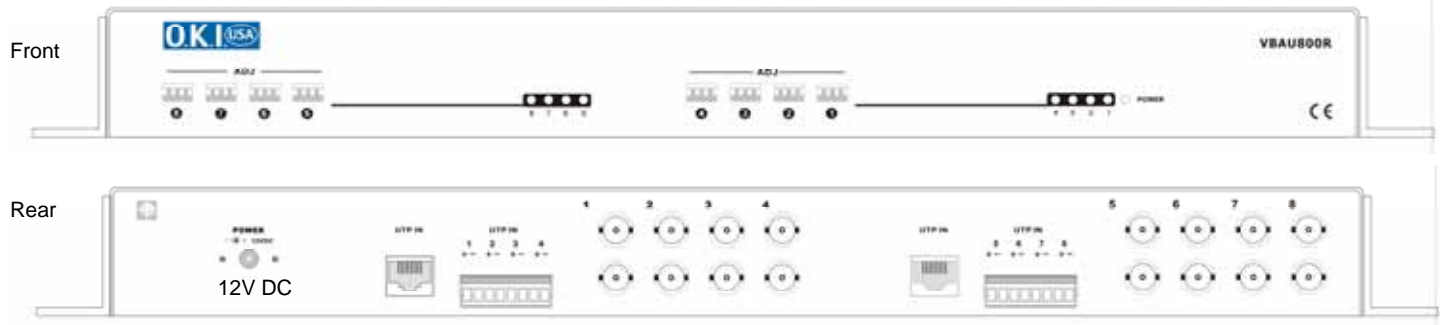
Switch Chart: Each switch can be independently adjusted for the different transmission distances and image quality based upon the type and quality of the cable being used.

ADJ	0-300M	300-600M	600-1200M	>1200M
SWITCH				

Wiring Diagram:



Panel View:



Specification:

Model Number		VBAU800R-1U
Power Properties	Adaptive Voltage Arrange	12V DC
	Power Consumption	<1500mw
	Connector	Standard AC Jack
Video Transmitting Properties	Supporting Video Mode	All Baseband Signals including PAL, NTSC, SECAM
	Signal Band	250MHz (-3dB)
	Balance Band	0~6MHz
	Maximum Transmission Distance	Color 1200M / 4000Ft, B&W 2400M / 8000Ft (working with VBAU100T) Transmitting Cable: UTP CAT5e
	Attenuation	1.5dB Max.
	Interference Rejection	>75dB
Connection Properties	Video Output Connectors	8x2 Female BNC, Resistance 75 Ohms
	Connector for UTP Transmission	Screw Terminal Set and 2x RJ45, Resistance 50 Ohms
Protections	Video Output Protection	2KV (common mode), 10/700us IEC6100-4 2/1955 (GB/T 1726, 5-1999)
	Video Input Protection	2KV (different mode), 4KV (common mode) IEC6100-4 2/1955 (GB/T 1726, 5-1999)
	Video Input Protection for Over Current	100mA
Video Adjustments	Adjusting Switches	4 Blue Adjusting Switches per Channel
	Adjusting Categories	Categories: 0~600M, 600~900M, 900~1200M, >1200M
Indicators	Power LED	Red
	Signal LED	Yellow
Stability	MTBF	>30,000 hours
Physical Properties	Dimensions (L x W x H)	430 x 95 x 44.5 mm
	Housing Material	Metal
	Color	Black
	Weight	1520 g
Environmental	Operating Temperature	-20°C~70°C
	Relative Humidity	0~95%
	Storage Temperature	-40°C~150°C

FCC CE ROHS C-TICK

Caution :

- Do not connect this device to any power source other than what is supplied.
- Do not handle the unit with wet hands.
- The unit is not waterproof and should not be used outdoors.