



Video Baluns

Intro- Company Overview

Cyrex Networks offers a complete line of video Baluns ranging from passive, active to multimedia models

Cyrex also offers video intercom systems, structured wiring and other residential communications products.

What is a Video Balun?

- A video Balun is a transceiver, which lets you transmit video over UTP wire (CAT5) rather than traditional Coaxial cable.
- **Passive** baluns are non amplified and are used for connections of shorter distances.
- **Active** baluns are powered units which are used for connections over 1000 feet.
- Some baluns offer multiple features such as Video, Audio, Power and Data (PTZ)

What are the Benefits of Baluns?

- Saves MONEY- Traditional coaxial cable is expensive, UTP (CAT5) is more cost effective
- Saves TIME- Many new residential or commercial buildings are pre-wired with UTP cable so installation time is minimized
- Eliminates CLUTTER- Our CBLNPT lets you transmit Video, Power and Data all over one cable, rather than using three different cables

Applications

- Office buildings
- Hospitality / Casinos
- Industrial
- Educational Facilities
- Hospitals
- Airports
- Retail Shops
- Home theatre
- Warehouse
- Point of Sale displays

Cyrex Product Index

I. Passive Video Baluns

- A. **CBLNB**- Basic Video Balun
- B. **CBLNT**- Video Balun with 7" Tail
- C. **CNTB**- Video Balun with 10" Tail
- D. **CBLNPT**- Video Balun with Power and Data

II. Active Video Baluns

- A. **CAVD**- Active Video Balun
- B. **CAVD-16**- Sixteen Port Active Balun

III. Multi-Port Passive Video Balun Hubs

- A. **CVPD-4**- Four Port Passive Balun
- B. **CVPD-16**- Sixteen Port Passive Balun (Passive)

IV. Multi-media Baluns

- A. **CMBV**- BNC to VGA Converter
- B. **CCVB**- Component Video Balun
- C. **CBVGA**- Active VGA Balun
- D. **CAVP**- Audio and Video Balun
- E. **CKMB**- Keyboard and Mouse extender

I. Passive Baluns

CBLNB- Basic Video Balun

CBLNB



Basic Balun

Key Features

- Up to 1,800ft (B/W),
1,200 ft (Color)
- Passive, no power required
- Dual Termination Capability
(Terminal or RJ45)
- Connect up to 4 cameras per
CAT5
- Slim / Compact

I. Passive Baluns

CBLNT- Video Balun with 7" tail

CBLNT



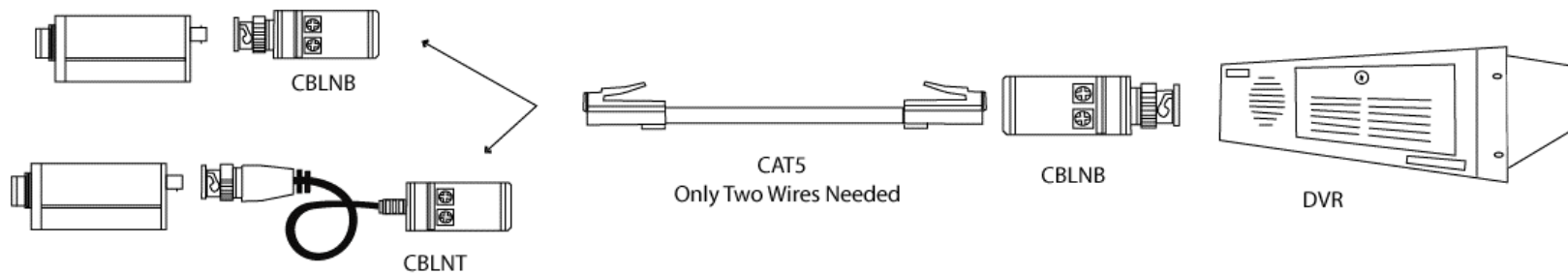
Balun w/ Tail

Key Features

- Up to 1800ft (B/W)
1200 ft (Color)
- Passive, no power required
- Dual Termination Capability
(Terminal or RJ45)
- Flexible 7" pigtail. Eliminates
space restrictions of DVR / Mux
- Connect up to 4 cameras per CAT5

CBLNB/CBLNT

Basic Passive Balun Installation



I. Passive Baluns

CNTB- Video Balun with 10" tail

CNTB



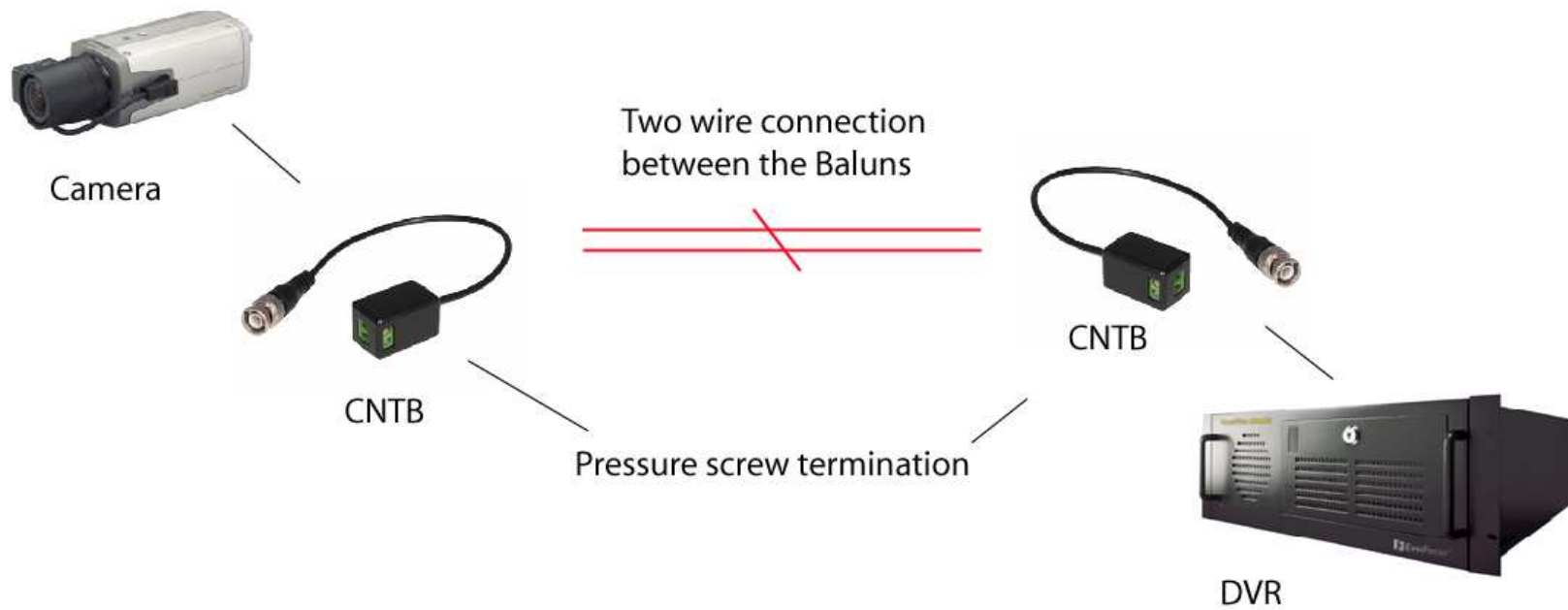
Balun w/ 10" Tail

Key Features

- Up to 1800ft (B/W)
1200 ft (Color)
- Passive, no power required
- Easy pressure screw termination
- Flexible 10" pigtail. Eliminates space restrictions of DVR / Mux
- Small body fits in camera housing

CNTB

Basic Passive Balun Installation



I. *Passive Baluns*

CBLNPT- Balun with Power/PTZ

CBLNPT

Key Features

- Up to 1800ft (B/W)
1200 ft (Color)
- Connect Power, Video and PTZ (RS485/ RS422) over 1 UTP CAT5
- Passive, no power required
- Less cables per camera / Minimize installation time



Balun w/ **Video/Power/Data**

CBLNPT

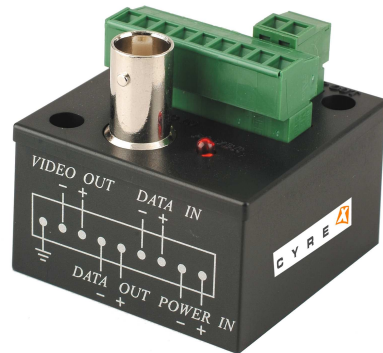
Video/Data/Power Balun Installation



II. Active Baluns

CAVD-T- Active Video Balun Transmitter

CAVD-T



**Active Video Balun
Transmitter**

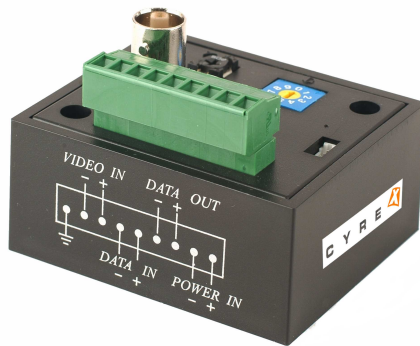
Key Features

- Up to 3000ft (Color)
5000ft (B/W)
- Supports Video and Data (RS422, RS485)
- Three range adjustment for Gain Control
- Built-in video amplifier & surge protection

II. Active Baluns

CAVD-R- Active Video Balun Receiver

CAVD-R



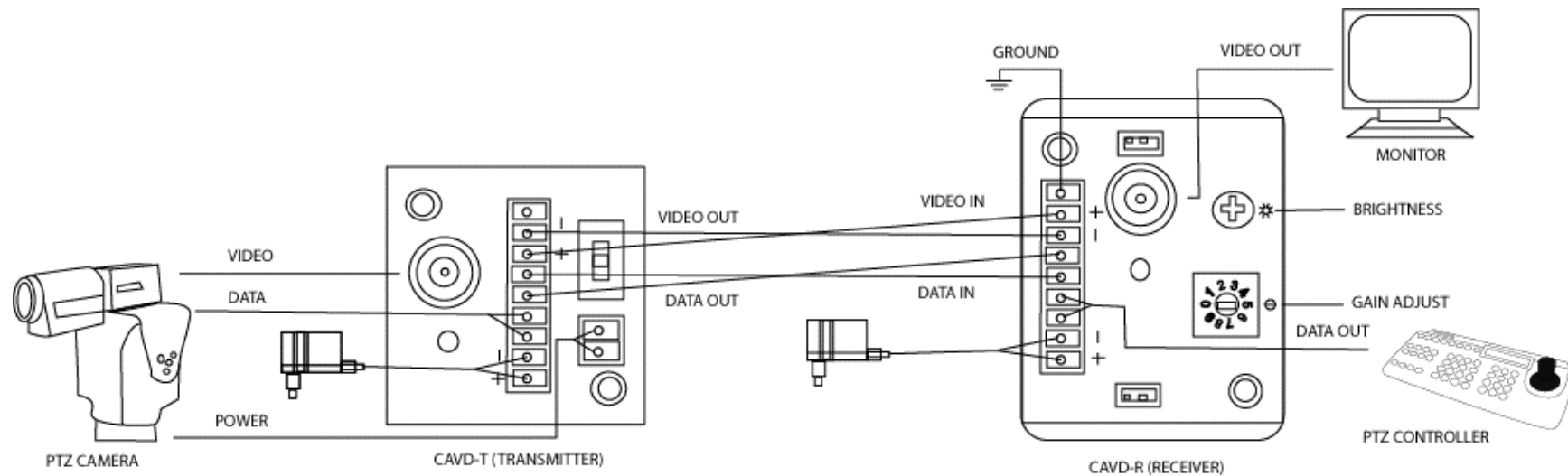
**Active Video Balun
Receiver**

Key Features

- Up to 3000ft (Color)
5000ft (B/W)
- Supports Video and Data (RS422, RS485)
- Ten level range selection for Gain adjustment
- Built-in Brightness adjustment and surge protection
- LED status light

CAVD

Active Video Balun Installation



II. Active Baluns

CAVD-16 Sixteen Port Active Balun

CAVD-16 (Active)



Key Features

- Standard 19" rack mountable
- Up to 3000 ft (Color) and 5000 ft (B/W)
- Built in transient protection and ground lifting
- Supports all Cyrex passive and active models

Active Video Balun Hub

III. Multi-Port Passive Balun Hubs

CVPD-4- Four Port Passive Balun with Video/ Data / Power

CVPD-4



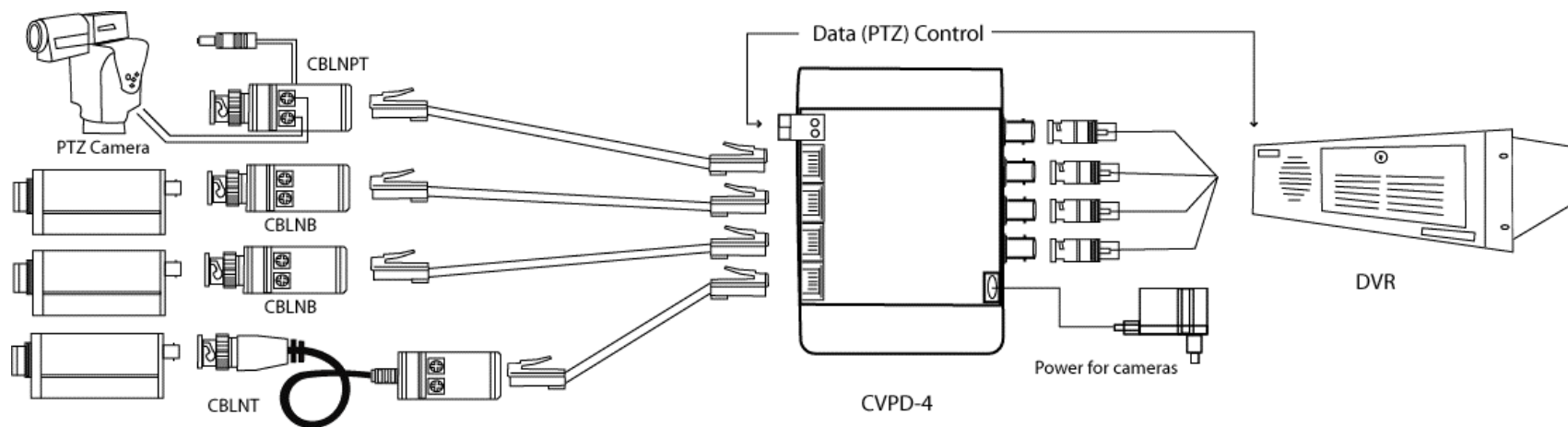
4 Port Passive Balun
(Front and Back View)

Key Features

- Up to 1,800ft (B/W), Up to 1,200 ft (Color)
- Supports 4 cameras
- Supports Video, Power and PTZ
- One power supply can power every camera
- Hub is passive, no power required
- Built in fuse protection

CVPD- 4

4 port Passive Balun Hub Installation



III. Multi-Port Passive Balun Hubs

CVPD-16- 16 Port Passive Balun w / PTZ

CVPD-16

Key Features

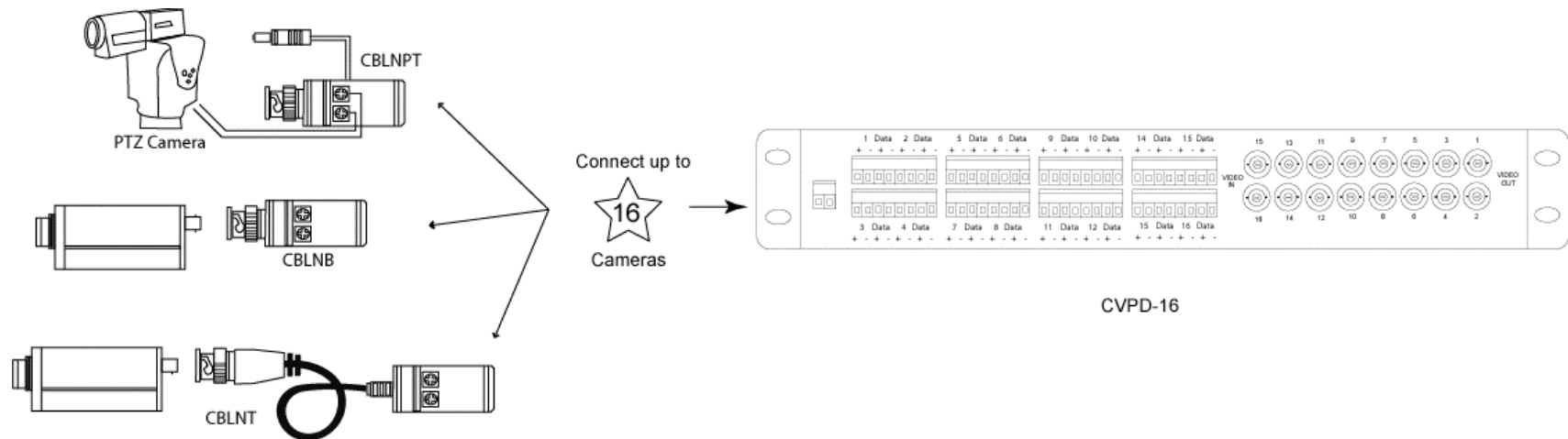


- Up to 1,800ft (B/W), Up to 1,200 ft (Color)
- Passive, no power required
- Supports 16 cameras
- Supports Video and Data (RS485 / 422)
- 19" Rack mountable

16 Port Balun hub

CVPD- 16

16 port Passive Balun Hub Installation



IV. Multi-Media Baluns

CBAVP- Audio and Video Balun

CAVP



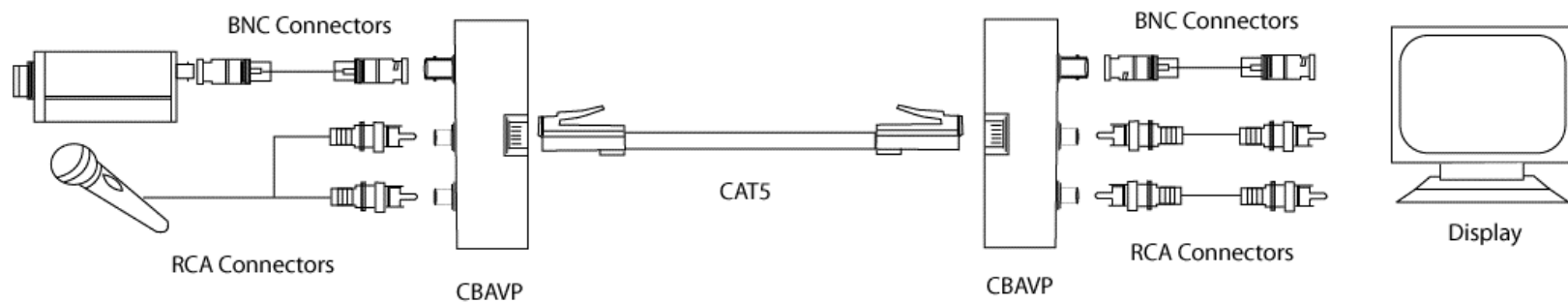
Audio and Video Balun

Key Features

- Up to 900ft (Color)
- BNC Female + 2 RCA Female to RJ45 Female
- Passive, no power required
- Video & Stereo Audio over 1 CAT5 cable
- Available in S-Video (Model: CAVS)

CBAVP

Audio/Video Balun Installation



IV. Multi-Media Baluns

CBVGA- Active VGA Balun

CBVGA



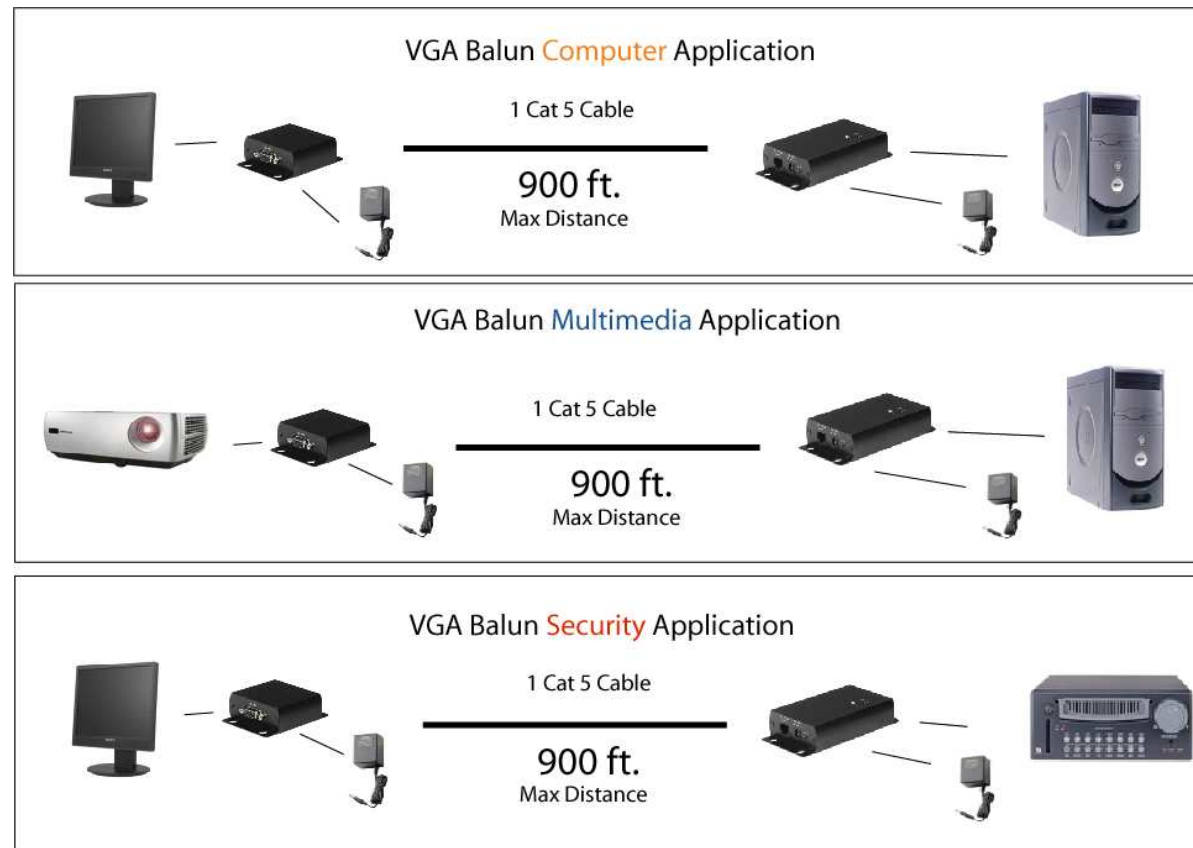
Active VGA Balun

Key Features

- Up to 900ft
- Kit includes Transmitter and Receiver
- Supports up to 1600 x 1200 @ 85Hz
- VGA signal over one CAT5 cable
- POS / Digital Signage / Call Monitors / Retail

CBVGA

Active VGA Balun Installation



IV. Multi-Media Baluns

CMBV- BNC to VGA Converter

CMBV



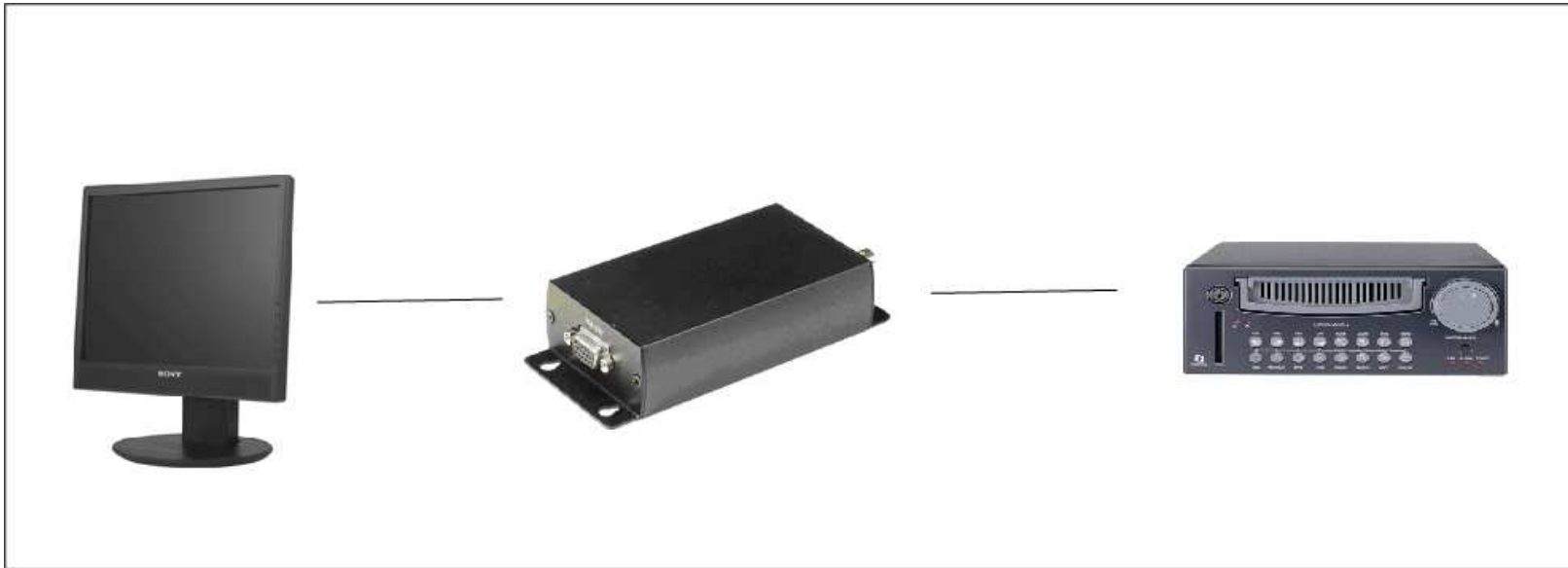
Key Features

- **Converts BNC to VGA signal**
- **Includes: CMBV and power supply**
- **Supports NTSC M/N, PAL M/N, NTSC 4.43 and SECAM**
- **Resolution: NTSC 640 x 480, PAL 768 x 576**

BNC to VGA Converter

Multi-Media Baluns

CMBV- BNC to VGA Converter



The Cyrex CMBV is designed to convert BNC composite video signal to VGA signal, allowing standard computer monitors to be used for CCTV displays. This is a convenient and cost effective solution for DVRs without VGA output.

IV. Multi-Media Baluns

CCVB- Component Video Balun

CCVB

Key Features

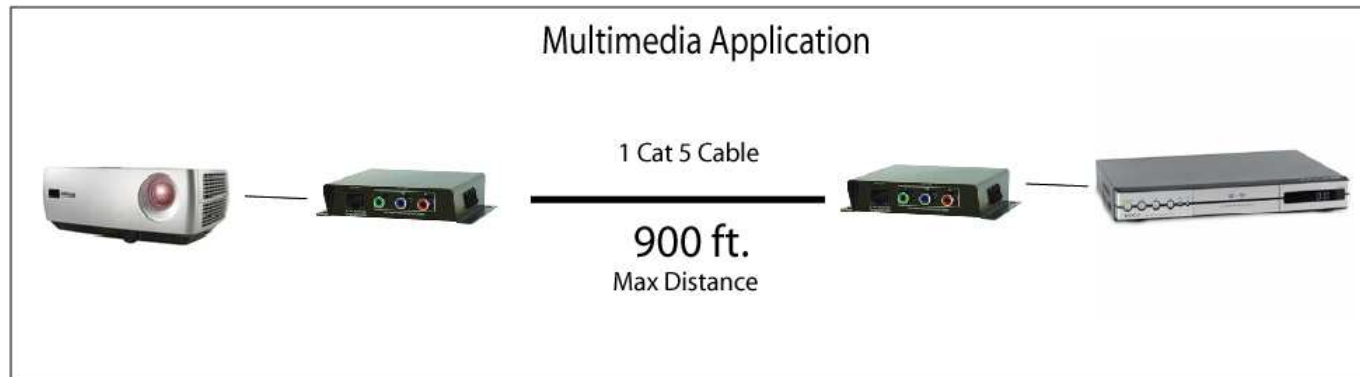


- Transmits component video over CAT5 up to 900ft
- Includes: 2 CCVB Balun
- 3 RCA Jack (Green = Y, Blue = Pb, Red = Pr)
- Resolution: 480I/ 480p/720p/1080i
- Passive, no power required

Component Video Balun

Multi-Media Baluns

CCVB- Component Video Balun



The Cyrex CCVB offers a convenient and cost effective solution to transmitting Component Video over 4 pairs of CAT5 unshielded twisted pair (UTP) cables. Maximum distance up to 900ft. Supported resolution - 480i /480p/720p/1080i

IV. Multi-Media Baluns

CKMB- Keyboard/Mouse extender

CKMB



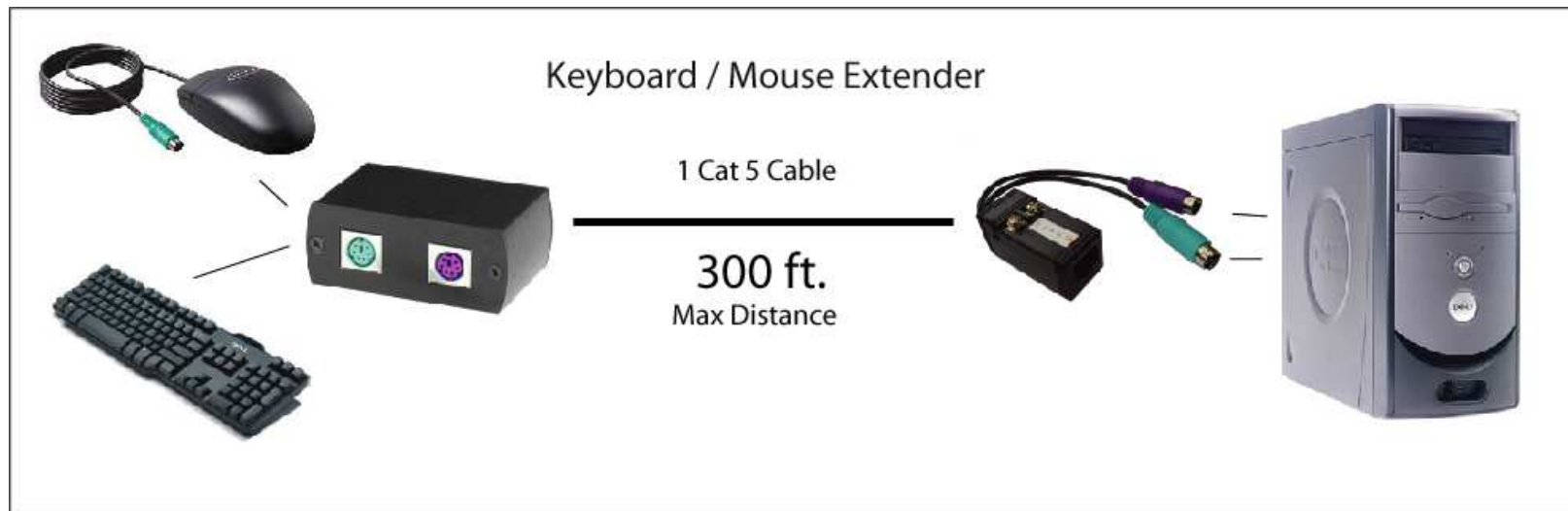
Key Features

- **Extend Keyboard and mouse over 300 ft. using Cat5 cable**
- **Standard PS2 Connectors**
- **Kit includes transmitter and receiver**
- **Passive, no power required**

Keyboard / Mouse Extender

Multi-Media Baluns

CKMB- Keyboard/Mouse extender



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