

# AHD COAX Tx1

## AHD Coax Telemetry Interface single camera



### ▶ Application Notes

- ▶ The AHD COAX Tx1 is designed to provide a simple and cost effective conversion from Pelco twisted pair telemetry to BBV AHD up-the-coax telemetry.
- ▶ The AHD COAX Tx1 is required on sites where the current hardware doesn't support coax telemetry. For example it allows the upgrade of static cameras to PTZ cameras, and the support of existing cameras, without incurring additional cabling costs. This makes it ideal for sites planning future expansion.

### ▶ Features

- Ability to configure via an OLED display.
- Compact design allows flexibility with the location of the The AHD COAX Tx1, easily fitting into other enclosures already present on site.
- Communications can be debugged and viewed via the live on screen display.
- Visible OLED display also shows Telemetry, Menu, Video Sync level, Termination to allow daisy chaining, and Baud rate is selectable from 2400,4800, 9600 .(Protocol Dependent)
- Supports addresses 1 – 255 (Protocol Dependent)
- Supplied with a 12V 1000mA PSU.

### AHD Coax Tx1 Compatible Protocols:

#### Input protocols

PELCO P  
PELCO D

#### Output protocols

BBV AHD up-the-coax telemetry

**Compatible with the CTI Plus CADDY. This holds up to 10 units in a 1U Caddy**



Building Block Video Ltd

17 Apex Park, Diplocks Way, Hailsham, East Sussex, BN27 3JU, UK  
Tel: +44 (0) 1323 842727 Support: +44 (0) 1323 444600  
Fax: +44 (0) 1323 842728 www.bbvctv.com

# Technical Specification

Power supply	<ul style="list-style-type: none"><li>• 12V dc 1000mA</li></ul>									
Inputs Protocols 422/485	<ul style="list-style-type: none"><li>• PELCO P</li><li>• PELCO D</li></ul>									
Outputs Protocols COAX	<ul style="list-style-type: none"><li>• BBV AHD up-the-coax telemetry</li></ul>									
Cable distances	<table><tr><td><ul style="list-style-type: none"><li>• 1 x Cable</li></ul></td><td>Min</td><td>Max</td></tr><tr><td>RG59</td><td>5m</td><td>&lt;250m</td></tr><tr><td>CT125</td><td>5m</td><td>&lt;500m</td></tr></table>	<ul style="list-style-type: none"><li>• 1 x Cable</li></ul>	Min	Max	RG59	5m	<250m	CT125	5m	<500m
<ul style="list-style-type: none"><li>• 1 x Cable</li></ul>	Min	Max								
RG59	5m	<250m								
CT125	5m	<500m								
Camera addresses	<ul style="list-style-type: none"><li>• 1-255</li></ul>									
Dimensions	<ul style="list-style-type: none"><li>• Boxed</li></ul> Width: 92mm Depth: 42mm Height: 32mm									
Weight	<ul style="list-style-type: none"><li>• 64g</li></ul>									



Building Block Video Ltd

17 Apex Park, Diplocks Way, Hailsham, East Sussex, BN27 3JU, UK  
Tel: +44 (0) 1323 842727 Support: +44 (0) 1323 444600  
Fax: +44 (0) 1323 842728 [www.bbvcctv.com](http://www.bbvcctv.com)