



CTI/1



Coax Telemetry Interface single camera



Application Notes

The CTI/1 is designed to provide simple and cost effective conversion from RS422/485 serial telemetry to BBV up the coax telemetry.

The CTI/1 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

- One auto detecting RS422/485 serial telemetry input.
- Compact design allows flexibility with the location of the CTI/1, easily fitting into other enclosures already present on site.
- Power & RS485/422 serial telemetry input LED, and a coax telemetry output LED to assist with commissioning and diagnostics.
- Supports addresses 1 – 8.
- Supplied with a 9V 500mA PSU.
- Also available as an 8 or 16 camera version (CTI/8 and CTI/16).

CTI/1 Compatible Protocols:

BBV RS422 @ 9600 N 8 1
Pelco P @ 9600 N 8 1



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



CTI/1



Technical specification

Power supply	9V dc 500mA		
Inputs	BBV RS422 or Pelco P 2 wire RS485, 2 wire Simplex		
Outputs	1 x BBV up the coax telemetry		
Cable distances	Cable	Min	Max
	Belden 8723	5m	1200m
	RG59	5m	250m
	CT125	5m	500m
Features	Power & RS422/485 serial telemetry input LED Coax telemetry output LED		
Camera addresses	1 – 8		
Dimensions	Boxed		
	Width: 69mm		
	Depth: 57mm		
	Height: 36mm		
Weight	64g		

CTI Range:

CTI/1 Coax Telemetry Interface single camera

CTI/8 Coax Telemetry Interface 8 camera

CTI/16 Coax Telemetry Interface 16 camera



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