

CTI/8



Application Notes

The CTI/8 is designed to provide simple and cost effective conversion from BBV RS422/485 serial telemetry to 8 channels of BBV coax telemetry. The CTI 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.

Features

- One RS422/485 input, dipswitch selectable. (The baud rates and parity for Pelco P/D and Vicon protocols are variable)
- 8 individual outputs of BBV coax telemetry are provided. Each output connects to a single receiver.
- Multiple CTI's can be used in a daisy chained or star wire format allowing systems to be expanded up to 128 outputs.
- Supplied with a CAT5 patch cable, power supply and a breakout box for ease of installation.
- Also available as a single camera or 16 camera version (CTI/1 and CTI/16).

Please note: camera address will be limited to the maximum number supported by the individual protocol. And only the first 8 of each group of 16 cameras are supported



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Technical Specification

- Power Supply** • 9 - 12 Vdc 1000mA
- Inputs** • 2 wire BBV RS485, 2 wire RS422 simplex and 4 wire full duplex
• Switch selectable input protocol
- Outputs** • 8 x BBV coax telemetry
- Cable Distances** • Maximum coax cable distance RG59: 250mtrs
• CT125: 500mtrs
- Features** • LED as power indication
- Available camera addresses**
- | | | |
|-----------|-----------|-----------|
| 1 - 8 | 17 - 24 | 33 - 40 |
| 49 - 57 | 65 - 73 | 81 - 89 |
| 97 - 104 | 113 - 121 | 129 - 137 |
| 145 - 153 | 161 - 169 | 177 - 185 |
| 193 - 201 | 209 - 217 | 225 - 233 |
| 242 - 249 | | |
- Dimensions** • Width: 425mm Depth: 110mm Height: 43mm
- Installation** • Supplied in 1U 19in rack mountable metalwork or wall mounted via the fixing brackets supplied
- Weight** • 1.7kg
- Colour** • Metal case powder coated RAL7035

Protocols currently supported are:

BBV422	Pelco P/D, Pelco P DM
Sensormatic RS422	Molynx D -Type
Vicon RS422	VCL
Dennard	Philips

The CTI/8 has been tested with the:

BBV FBM/video Matrix & Starcard Converter, BBV TX1500 Matrix & Starcard Converter, Pelco KBD300, DM DS2, VCL VCTM16 Matrix, Maxcom 8 Matrix & Keyboard, Philips Allegiant 32 Camera Matrix TC8301/50, Intellex LT V4 Software, Molynx TTX600 Keyboard & TTX6164T Matrix, Vicon VI411-DVC Keyboard, Bi - Phase to RS232 Converter, LTC8780/50, American Dynamics



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