

CTI/16



Application Notes

The CTI/16 is designed to provide simple and cost effective conversion from BBV RS422/485 serial telemetry to 16 channels of BBV coax telemetry. The CTI/16 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)
- 16 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 256 outputs.
- Supplied with a CAT5 patch cable, power supply and a breakout box for ease of installation.
- Also available as a single camera or 8 camera version (CTI/1 and CTI/8).

Please note: camera address will be limited to the maximum number supported by the individual protocol.



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Technical Specification

Power Supply	<ul style="list-style-type: none">• 9 - 12 Vdc 1000mA
Inputs	<ul style="list-style-type: none">• 2-wire RS485, 2-wire BBV RS422 simplex and 4-wire full duplex(Switch selectable input protocol)
Outputs	<ul style="list-style-type: none">• Maximum cat 5 cable distance 1200mtrs• 16 x BBV coax telemetry• Maximum coax cable distance RG59: 250mtrs• CT125: 500mtrs
Features	<ul style="list-style-type: none">• LED as power indication
Dimensions Installation	<ul style="list-style-type: none">• Width 425mm Depth 110mm Height 43mm. Supplied in 1U 19in rack mountable metalwork or Wall-mounted via the fixing brackets supplied
Weight	<ul style="list-style-type: none">• 1.7 KG
Colour	<ul style="list-style-type: none">• Metal case powder coated RAL7035

Protocols currently supported are:

BBV422
Sensormatic RS422
Vicon RS422
Dennard

Pelco P/D, Pelco P DM
Molynx D –Type
VCL
Philips

The CTI/16 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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