



CTI/16



Coax Telemetry Interface



Application Notes

The CTI/16 is designed to provide simple and cost-effective conversion from RS422/485 data to 16 channels of BBV coax telemetry.

Up-the-coax telemetry allows the benefits of upgrading static cameras to PTZ cameras and the support of existing cameras without the need for additional cabling.

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/16 can be cascaded together, giving up to 256 camera outputs

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

Protocols currently supported are:

BBV, Pelco P/D, Pelco P DM, VCL, Dennard, Philips, Sensormatic RS422, Molyx & Vicon RS422.

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 LTC8301/50 & Bi – Phase to RS232 Converter LTC8780/50, American Dynamics Intellex LT V4 Software, Molyx TTX600 Keyboard & TTX6164T Matrix and Vicon VI411-DVC Keyboard



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Technical specification

Power supply	9Vdc 500mA
Inputs	2-wire RS485, 2-wire RS422 simplex and 4-wire full duplex (switch selectable input protocol) Maximum cat 5 cable distance 1200mtrs
Outputs	16 x BBV coax telemetry Maximum coax cable distance RG59: 250mtrs CT125: 500mtrs
Features	LED as power indication
Dimensions	Width 425mm Depth 110mm Height 43mm
Installation	Supplied in 1U 19in rack mountable metalwork or wall-mounted via the fixing brackets supplied
Weight	1.7 KG
Colour	Metal case powder coated RAL7035



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