



BBV 1 2 1 CONVERTER



Application Notes

The 1-2-1 converter is designed to provide single address protocol conversion. The 1-2-1 converter accepts RS485/422 data from one source, converts it to one of a wide range of possible RS485/422 protocols.

Features

- 2 x RJ45 Sockets for RS422 input from a controller or a RS232 kit allowing RS232 input
- 1 screw terminal connector used to output RS485/422 data. The output can be connected to a single dome
- Uses 2-wire simplex control of cameras
- Output protocols are dipswitch selectable
- DB9F connector provides a diagnostic output. This can be used with a laptop PC to monitor the data being sent out of the Starcard via RS232
- Debug mode can also be selected which provides detailed information for each command received. On power up, or if input or output settings are altered, the current protocol, baud rate and parity settings will be outputted to laptop PC



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Technical specification

Power requirements	9 - 12V dc 500mA
Inputs	2 wire RS485/422 (protocol are switch selectable)
Outputs	1 x 2-wire RS485 Simplex (max cable run 1200mtrs)
Other outputs	RS232 monitor output via chassis mounted DB9 connector
Features	3 diagnostic LEDs
Dimensions	208mm (w) x 83mm (d) x 35mm (h)
Weight	1kg
Colour	RAL9002

Protocols compatible with the BBV 121 Converter:

360 Vision	Panasonic CS850/860
BBV RX450/550	Pelco D
CBC SMD20	Pelco P
Chugai	Philips RS232/485 (bi-phase via Philips LTC8780/50)
Conway	Photoscan fixed speed pan/tilt
COP (Pelco D or P)	Samsung 641/643 dome 421P camera
Dennard 2050	Sanyo VCC9200P
DM DTMT (using TAD3 with special s/w)	Sensormatic RS422 (Ultradome)
Forward Vision Mic1-300/400	Star MD2000
Ganz ZC-S122/123	VCL
JVC 676	Vicon Surveyor & V1305DC
LG dome (Pelco D)	Videcon VHSD860 Dome (Pelco P-9600,N,8,1)
Mark Mercer	Videcon VPC451 Camera (Pelco D-2400,N,8,1)
Meyertech ZVR510 VICTA protocol	Videotec Ulisse (Pelco D)
Molynx 250/260	Vista PowerDome
NIO D86/Interceptor (Pelco D)	



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