

Protocol Converter 16

BBV 16 camera protocol converter



Application Notes

The BBV Protocol Converter 16 is a 16 address range protocol converter. The Protocol Converter 16 accepts RS485/422 data from a single source and converts it to one of a wide range of possible RS485/422 protocols.

Features

- Extensive, growing list of CCTV telemetry protocols.
- All output protocols available from all input protocols; a true matrix of protocol conversion.
- To ease initial setup and debugging the OLED display shows the incoming data stream.
- 5 pin screw terminal for serial inbound and outbound telemetry.
- RS422 inbound data Simplex / Duplex.
- RS422 outbound data Simplex / Duplex.

Technical Specification

Power supply	• 12Vdc 75mA 0.9w
Inputs	• 2 or 4-wire RS485/422 (protocol are switch selectable)
Outputs	• 2 or 4-wire RS485 Simplex (max cable run 1200mtrs) • Address range selectable 1-16, 17-32, 33-48 .. etc
Features	• Visible OLED display for easy configuration
Dimensions	• Width 92mm • Depth 42mm • Height 32mm
Weight	• 0.64g
Temp range	• -10°C > +50°C

Inbound	
AD422 (Ultradome)	Merit Li-Lin 1
Baxall	Merit Li-Lin 2
BBV 422	Meyertech
Bosch / Philips 485	Molynx D-TYPE
COE	Pelco D
Conway	Pelco P
Dennard 20xx	Sony Visca
Ernitec	TIB
Forward Vision	Ultrak
Hikvision (to be confirmed)	VCL
JVC 676	Vicon RS422
Kalatel "ASCII"	Vista PowerDome
Mark Mercer	360 Vision

Outbound	
AD422 (Ultradome)	Molynx
Baxall	Panasonic
BBV 422	Pelco D
Conway	Pelco P
COP (Pelco D or P)	Bosch / Philips 485
Dennard 20xx	Photoscan fixed speed pan/tilt
Ernitec	Samsung
Forward Vision	Ulisse
Hikvision	Ultrak
JVC 676	VCL
Kalatel "ASCII"	Videcon
LG dome (Pelco D)	Vicon
Mark Mercer	Vista
Meyertech	360 Vision

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