

Starcard



Application Notes

The Starcard provides a simple and cost-effective solution in the installation of RS485/422 telemetry systems. The Starcard takes RS485/422 data from one source and distributes it across 8 isolated outputs. The outputs can be wired in a star format or a daisy format to allow up to 31 cameras to be controlled from each output.

8 RS422/485 outputs to allow star wiring of telemetry systems, Tx1500 Keypads and alarm cards. Can also be used when star wiring is required for other systems.

Features

- Two RJ45 sockets and a screw terminal connector for RS485/422 input from a controller and output to additional daisy chained Starcards
- Eight screw terminal connectors used to output RS485/422 data. Each output can be connected to a single dome / receiver or up to 31 domes / receivers or a combination wired as a daisy chain.
- Can be used with either 2-wire, half duplex; 4-wire, full duplex or simplex systems
- Can also be used with simplex RS485/422 links, for example the RS485 output of multiplexers.
- 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



Building Block Video Ltd

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Technical Specification

- Power supply** • 12 Vdc 1000mA
- Inputs** • 2-wire RS485/422 Simplex
• 4-wire RS422 Full Duplex
- Outputs** • 8 x 2 or 4-wire RS485 (switch selectable – default 4-wire).
• Maximum cable runs approx. 1200mtrs. When the domes / receivers are wired as a daisy chain, the last unit must be terminated and the intermediate units must be unterminated. With a single dome connected to each output, the BBV RS485/422 must be terminated
- Other outputs** • RS232 monitor output via chassis mounted DB9 connector
- Features** • LED as power indicator
- Installation** • Supplied in 1U 19in rack mountable metalwork or wall-mounted via the fixing brackets supplied
- Dimensions** • Width 427mm Depth 73mm Height 45mm
- Weight** • 2.2Kg
- Colour** • Metal case powder coated RAL7035



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