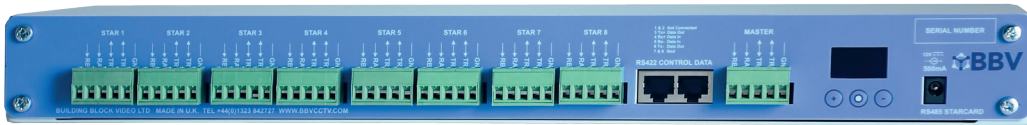


Starcard Converter

RS422/485 Protocol Converter



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.

Technical Specification

Power supply	<ul style="list-style-type: none">• 12 Vdc 1000mA
Inputs	<ul style="list-style-type: none">• 2-wire RS485/422 Simplex • 4-wire RS422 Full Duplex
Outputs	<ul style="list-style-type: none">• 8 x 2 or 4-wire RS485 (menu 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
Features	<ul style="list-style-type: none">• OLED display
Installation	<ul style="list-style-type: none">• Supplied in 1U 19in rack mountable metalwork or wall-mounted via the fixing brackets supplied
Dimensions	<ul style="list-style-type: none">• Width 427mm Depth 73mm Height 45mm
Weight	<ul style="list-style-type: none">• 2.2Kg
Colour	<ul style="list-style-type: none">• Metal case powder coated RAL7035

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