STARCARD CONVERTER $C\epsilon$

Application Notes

The Starcard Converter is designed to provide simple and cost effective RS485/422 protocol conversion. The Starcard Converter accepts RS485/422 data from one source, converts it to one of a wide range of possible RS485/422 protocols and distributes it across eight isolated outputs.

The outputs can be wired in a star format or a daisy chain format to allow up to 31 cameras to be controlled from each output.

Features

- 2 RJ45 Sockets and a screw terminal connector for RS485/422 input from a controller and output to additional daisy chained Starcard Converters

- 8 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 wired as a daisy chain

- Uses 2-wire simplex control of cameras

- Input and output protocols are dipswitch selectable. Our constantly expanding software library currently supports approximately 30 protocols

- 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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STARCARD CONVERTER $\quad$ CE

Technical specification

Power supply	9Vdc 500mA
Inputs	2-wire RS485/422 Simplex 4-wire RS422 Full Duplex
Outputs	8 x 2-wire RS485 Simplex Maximum cable run approx 1200mtrs. When the domes / receivers are wired as a daisy chain, the last unit's RS485/422 must be terminated and the intermediate units must be un-terminated. With a single dome connected to each output, the 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 $\qquad$ Depth 73mm $\qquad$ Height 45mm
Weight	2.139kg
Colour	Metal case powder coated RAL7035