Matrix and Telemetry Controller

Application Notes

The Tx1500 series combines a state-of-the-art-video matrix with the simplicity of installation associated with coax controlled systems. This combination provides a flexible and cost-effective control solution for internal and external pan / tilt / zooms and dome applications.

The Tx1500 series supports BBV up-the-coax and BBV 422 twisted pair telemetry as standard, allowing integration with IR, microwave and fibre-optic Links IP. Modules can be added allowing control of several different domes or receiver types on one system. 20mA telemetry available via add-on optional Tx / MK2 / TPO

Additional 16-way alarm cards with programmable functions are available for connection of up to 16 external detection devices per card. Up to 6 alarm cards can be added, either local to the Tx1500, or distributed around the site allowing up to 96 inputs.

System features include variable sequence dwell time, advanced alarm options including multiple events per alarm and keypad programmed to limit access to cameras and monitors.

Technical Specification

Power Supply	• 9 – 12Vdc 1000mA PSU supplied
Inputs	• Available with 16, 32, 48, 64, 80 or 96 camera inputs. On-site expandable
Outputs	• 8 monitor with 8 composite outputs (monitors 1-4 have OSD) • Telemetry: BBV RS422 telemetry output to control BBV AC and DC receiver • Up-the-coax telemetry control of BBV receivers coax compatible • Simple menu driven programming from the keypad
Controls	• Control from up to 4 keypads with easy to understand symbols
Displays	• 4 main monitor outputs with on-screen display and 4 spot monitor outputs • Camera number on main 4 monitors • Covert cameras can be hidden from specific monitors
Installation	• Supplied in 3U, 5U or 7U 19in rack mountable metalwork or colour wall-mounted via the fixing brackets supplied
Dimensions	• Tx1500/16/8 D1 • Tx1500/32/8 D1 • Tx1500/48/8 D2 • Tx1500/64/8 D2 • Tx1500/80/8 D3 • Tx1500/96/8 D3 • D1 Width 427mm Depth 73mm Height 135mm • D2 Width 427mm Depth 73mm Height 225mm • D3 Width 427mm Depth 73mm Height 315mm
Weight	• Tx1500/16/8 4.4Kg • Tx1500/32/8 4.8Kg • Tx1500/48/8 6.5Kg • Tx1500/64/8 7.0Kg • Tx1500/80/8 8.8Kg • Tx1500/96/8 9.2Kg
Optional Upgrades	• Remote control using Tx1500/BBUSIF via BBV RS232/422 interface • Up to 96 alarm inputs via 16 input Tx1500/AL16 alarm card