

Tx1000



Application Notes

The Tx1000 MK2 series combines a video switch with the simplicity of installation associated with coax controlled systems. These combinations provide a flexible, cost-effective control solution for both internal and external pan / tilt / zoom and dome applications. Like all BBV products, simplicity of use and aesthetic casework are inherent in the design. The Tx1000 series supports coaxial telemetry and BBV422 telemetry as standard and 20mA twisted pair operation as an option, allowing for integration with infrared, microwave, fibre-optic and IP links. An optional factory-fitted alarm card with programmable functions is available for connection to up to 16 external detection devices.

Features

- 16 full scene presets per camera (Rx10X, Rx400P, Rx45X, Rx55X)
- 2-part construction to simplify installation and hide unsightly cables
- Ergonomically designed keyboard with back lit easily understood symbols
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- 2 monitor outputs
- Variable sequence dwell time
- Camera number (CAM01 – CAM16)
- Patrols (Rx10X, Rx400P, Rx45X, Rx55X)
- Alarm output
- Simple menu driven programming from the keypad
- Wall or 19in rack mount capability



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Technical Specification

Power Supply	<ul style="list-style-type: none">In line PSU 12Vdc 1000mA supplied
Base Unit	<ul style="list-style-type: none">Plug mounted transformer 12Vdc 1000mA supplied
Inputs	<ul style="list-style-type: none">Passive loop through for video signal on keypad, video to be terminated at monitor.Video inputs are automatically de-terminated on loop throughData input to base unit is RS232 via 9-pin D connector RS232 port allowing remote control from PC etc (9600,N,8,1)
Outputs	<ul style="list-style-type: none">Base unit relay change over contact, able to switch 50V at 100mA
Features	<ul style="list-style-type: none">Momentary - pan, tilt, iris, focus, zoom, wash, change over relay contactLatching - wipe, autopan, lights On-screen menu programming for dwell time, max camera On-screen menu programming for dwell time, max camera number, patrol 1, patrol 2 and presets, alarm programming
Installation	<ul style="list-style-type: none">Base unit is 2U 19in rack mountable metalwork or wall-mounted via the Fixing brackets supplied
Dimensions Keypad	<ul style="list-style-type: none">Width 378mm Depth 218mm Height 112mm
Weight	<ul style="list-style-type: none">0.923grams
Base Unit	<ul style="list-style-type: none">Width 427mm Depth 55mm Height 90mm
Weight	<ul style="list-style-type: none">2.962Kg
Kaypad Colour	<ul style="list-style-type: none">Black Plastic
Base Unit Weight Base Unit Colour	<ul style="list-style-type: none">Tx1000/16 3.726Kg Tx1000/16A 3.733KgMetal case powder coated RAL7035
Variants	<ul style="list-style-type: none">Tx 1000/8 MK2 base unit and keyboard 8 inputs 2 outputsTx 1000/16 MK2 base unit and keyboard 16 inputs 2 outputsTx 1000KB second keyboard with power supply
Options	
Suffix:/TP Suffix:/A Suffix:/MU	<ul style="list-style-type: none">20mA outputs – TX/MK2/TPOAlarm card programmable from keyboard - 16 normally closed alarm inputsMain unit only

Retro-fit options

Additional keypads position with full independent control – Tx1000/KBD / Tx1000 / KBD.

Twisted pair output (star wired 20mA current loop) – Tx/MK2/TPO

Tx1000 is compatible with third-party equipment including:

Dedicated Micros DVRs, Vision systems Adpro (with BBV PL6),

Compatible with several PC control systems including:

BBV Virtual Keyboard, several third-party control systems



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