



FBM



## Matrix and Telemetry Controller



### Application Notes

Available from 16 to 512 camera inputs and 16, 32, 48 or 64 monitor outputs

Distributed units allow systems of up to 4,096 cameras to be designed

Up to 16 keypads

Up to 512 alarm inputs

The FBM series combines a state-of-the-art video matrix with the simplicity of installation associated with all BBV products. This combination provides a flexible, cost-effective control solution for both internal and external pan / tilt / zoom and dome applications.

The FBM series supports BBV RS422/485 twisted pair telemetry as standard, allowing integration with IR, microwave and fibre-optic links. Modules can be added, allowing control of several different domes or receiver types on one system. Coaxial output cards are available for up-the-coax control of PTZ and domes.

Additional alarm cards with programmable functions are available for connection of up to 16 external detection devices per card. Up to 32 alarm cards can be added either locally to the FBM or distributed around the site, allowing up to 512 inputs.

Programmable features include variable sequence dwell time, multiple events and programmable alarm text per alarm upon activation. Keyboards can be programmed to limit access to cameras and monitors.



### Building Block Video Ltd.

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# Matrix and Telemetry Controller

## Technical specification

<b>Power Supply</b>	Matrix 12V 6.7A CPU 12V 6.7A
<b>Inputs</b>	16 to 512 Cameras. Up to 4,096 camera inputs using distributed matrices
<b>Outputs</b>	Monitor 16 to 64 monitor outputs Telemetry RS422 telemetry output to control BBV AC & DC RS422 receivers and additional Telemetry Converters
<b>Control</b>	Dedicated CPU based on embedded operating system Control from up to 16 keypads with easy to understand symbols
<b>Display</b>	Simple menu driven programming from the CPU SVGA monitor screen Covert cameras can be hidden from specific monitors Camera number or name on monitors
<b>Optional upgrades</b>	RS422 protocol conversion cards for majority of domes Optional up-the-coax telemetry control of full range of BBV receivers Up to 512 alarm inputs via 32 input alarm cards and advanced alarm options Control by third-party equipment via a BBUS/interface
<b>Installation</b>	Supplied in 1U 19in rack mountable metalwork or wall-mounted via the fixing brackets supplied
<b>Dimensions</b>	Dependant on unit - Contact BBV for further information
<b>Weight</b>	Dependant on unit - Contact BBV for further information
<b>Colour</b>	Metal case powder coated RAL7035



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