

## Video Matrix

### Description

Buzz-Bz-16X2 / BZ-8X2 is an innovative video matrix switcher/controller for up to 16 or 8 video inputs and 2 video outputs.



Bz-16x2  
Bz-8x2

### Performance Specifications

The matrix switcher provides complete integration of video switching capabilities as well as control of camera sites of the fixed or domes types. The integration process to existing cameras is done automatically. This matrix switcher system is capable of receiving up to 16 or 8 independent video signals and routing these signals to any of the 2 video outputs.

### Communications Ports

RS-232 communication is used to transmit all commands, which operate the matrix switcher system. There are (I/O) ports for external connection up to 4 additional matrix switcher and alarm interface units. The matrix switcher provides 1 external RS-485 port that can be programmable for baud rates of 2400, 4800 or 9600 baud. The Buzz- system supports a wide range of protocols used by Pan/Tilt/Zoom and dome camera.

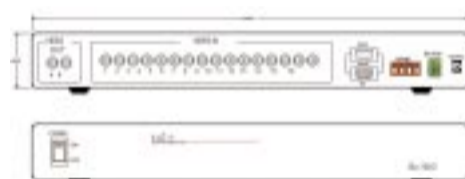
### Switching Sequences

The matrix switching system supports any pre-defined monitoring sequence required and selected for each and every video output. Each sequence requirement entry includes the respective video input and dwell time. The matrix system permits unlimited sequence alterations values with the associated camera, and dwell time.

## System Specifications

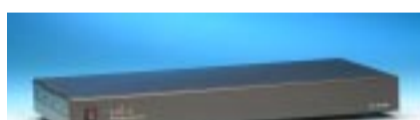
### Bz- 16x2 / 8x2

Model	Bz- 16x2 / 8x2
Standards	EIA RS-170, NTSC, CCIR and PAL
Video Input	8 or 16 BNC, Composite video (0.5 ~ 2.0 Vp-p 75Ω )
Video Output	2 BNC Composite video (1.0 Vp-p 75Ω )
Control Input	RS-232 Port I/O
Control Output	RS-485
Baud Rate	2400, 4800, 9600 Selectable
Power Supply	12 VDC 1A 50/60 Hz
Dimension (L x H x D)	430X44X195mm
Weight	3.2 Kg
Temperature	0° ~ 45°C
Humidity	95%



## Alarm Controller

The Alarm Controller (AC) operates the alarm system, equipment and electrical controls in a building.



Bz-AL1608

The Alarm Controller connects to the BUZZ system with 16 Inputs and 8 Outputs for local control.

The (AC), includes WDT (Watch Dog Timer), which will restart the computer if it ever breaks and also reloads the BUZZ software.

In order to operate more equipment or controls in a building, one, can add up to 4 Master Control Boxes to the BUZZ system.

Therefore you can select with the deep switch the "Baud rate" of 2400, 4800, or 9600 to enjoy operating multiple CCTV equipment with different "Baud rate".

Through the Buzz system, the 8 operation outputs are N/O by simply switching the jumper on the motherboard, This can also be defined through BUZZ software to relay instructions for "Momentary", "Latch" or "time delay".

## System Specifications

### Bz- AL1608

Model	Bz- AL1608
Alarm Input	16 Individually optically isolated: Positive or negative switching signals from 5~24VDC or volt-free contact N/C or N/O
Alarm Output	8 alarm output of 50mA Darlington open collector load to 12V/24V supply
Control Input/output	RS-232 Port I/O
Control Output (P/T/Z)	RS-485
Baud Rate	2400, 4800, 9600 Selectable
Power Supply	12 VDC 1A 50/60 Hz
Dimension (L x H x D)	430X44X195mm
Weight	3.2 Kg
Temperature	0 ° ~ 45°C
Humidity	95%



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