

# V2109 Series

## Dome Controller Keyboard

**Infinova**  
The Integrator's Manufacturer

### Features

- Provides RS-485 and Manchester codes for direct control over dome cameras and receivers
- Built-in RS-485 generator providing multiple baud rates and protocols
- LCD display indicating camera number, controller status and digital inputs
- 3-D variable speed joystick allows for PTZ /lens control, and control over high-speed dome cameras
- Control of iris, zoom and focus
- Built-in beeper, which will alert once operation mistake happened or alarm received
- Control of presets, patterns and autopan
- LED indicating the running status of the system



### Description

The V2109 Dome Controller is compatible with the high-speed dome cameras/receivers under multiple protocols such as MANCHESTER, PELCO-D/P, SAMSUNG, VICON and INFINOVA. It is capable of handling camera switching, menu programming, PTZ and LENS control, PRESET/PATTERN/AUTOPAN control, dome menu programming, etc.

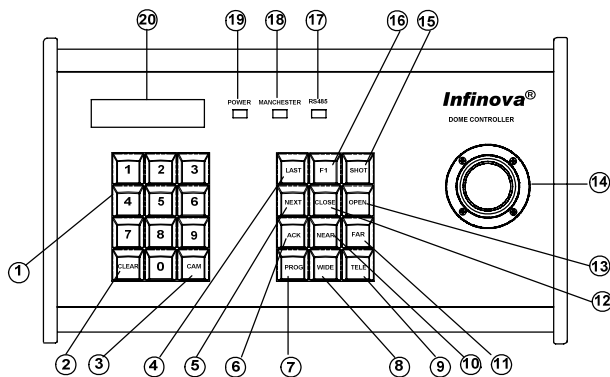
The V2109 dome controller can directly communicate with high-speed dome cameras/receivers via RS-485 or Manchester code. The 3-D joystick on the CONTROLLER can control fixed or variable-speed pan/tilt or high-speed dome cameras. The lens key allows for control of motorized lenses, including: IRIS (OPEN/CLOSE), FOCUS (FAR/NEAR), and ZOOM (WIDE/TELE). The LCD indicates the spot camera number, as well as any digital inputs from the keyboard.

### Ordering Information

V2109 Keyboard, Dome Controller with LCD display, 3-D joystick and RS-485/Manchester code output, 120V/60Hz

V2109X Keyboard, Dome Controller with LCD display, 3-D joystick and RS-485/Manchester code output, 230V/50Hz

### Keyboard Layout



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|-----------------|--------------------|
| 1. NUMERIC keys | 2. CLEAR key       |
| 3. CAM key      | 4. LAST key        |
| 5. NEXT key     | 6. ACK key         |
| 7. PROG key     | 8. WIDE key        |
| 9. TELE key     | 10. NEAR key       |
| 11. FAR key     | 12. CLOSE key      |
| 13. OPEN key    | 14. JOYSTICK key   |
| 15. SHOT key    | 16. F1 key         |
| 17. RS485 LED   | 18. MANCHESTER LED |
| 19. POWER LED   | 20. LCD display    |

## Specifications

<b>General</b>	Communication Protocol	RS-485, Manchester
	RS-485 Baud Rate (bps)	1200, 2400, 4800, 9600, 19200
	RS-485 protocols	INFINOVA, PELCO-D/P, SAMSUNG, VICON
<b>Electrical</b>	Input Voltage	120VAC/60Hz, 230VAC/50Hz
	Power Consumption	3W
<b>Mechanical</b>	Dimension (HxWxD)	2.2"×12.44"×6.5" (55mm×316mm×165mm)
	Package Size (HxWxD)	6.7"×14.0"×9.3" (171mm×355mm×235mm)
	Unit Weight	5.6lb (2.55Kg)
	Shipping Weight	7.9lb (3.58Kg)
	Color	Gray
<b>Environmental</b>	Operating Temperature	32°F~104°F (0°C~40°C)
	Operating Humidity	0~90%RH (non-condensing)
<b>Certifications</b>	CE/LVD: EN 60950-1:2006 (Certificate No.: BCT09FC-497S); ISO 9001:2008	
<b>Compliance</b>	CE, FCC, UL, cUL	