

# V2117 Series

## Multi-purpose, Programmable System Keyboard

**Infinova**  
The Integrator's Manufacturer

### Features

- Built-in RS-485/Manchester control code generators, allowing direct control over site receivers or PTZ Domes
- DVR control through RS-485 interface
- Communicates with matrix switching system through RS-232 or Ethernet interface
- User-friendly design with clearly labeled operation keys
- Video input/output switching ability
- 3-D joystick for controlling motorized pan/tilts and lens with variable speed
- Capable of programming, starting and controlling System/Monitor Tours and System Salvos
- Convenient monitor arming/disarming and alarm acknowledgement
- Easy preset defining and camera call-up
- Camera lockout capability



### Ordering Information

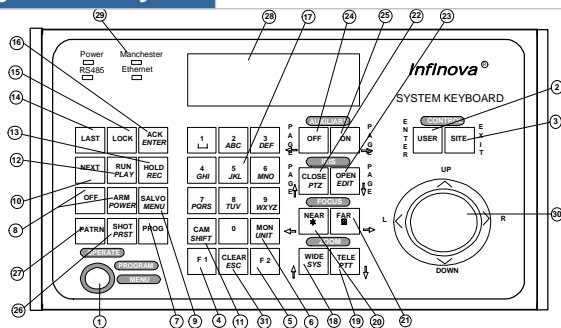
- V2117 Keyboard, Matrix / Dome / DVR control, LCD display, 3-D Joystick, RS-485 / Manchester / Ethernet / RS-232 ports, 120 VAC/ 60 Hz
- V2117X Keyboard, Matrix / Dome / DVR control, LCD display, 3-D Joystick, RS-485 / Manchester / Ethernet / RS-232 ports, 230 VAC/ 50 Hz

### Description

Infinova's V2117 series system keyboards are compatible with Infinova series matrix switchers/controllers, PTZ cameras, and digital video recorders, with desktop or rack mounting ways for option.

The V2117 series system keyboards are capable of handling video switching, system setup, menu programming, PTZ control, alarm acknowledgement, salvo switching, DVR control, etc. There is a user login feature for added system security. RS-485 and Manchester code outputs allow for direct control over Infinova series receiver/drivers or dome cameras. DVRs can be controlled through the RS-485 interface. The 3-D joystick can control either fixed or variable-speed pan/tilts. The lens key allows for control of motorized lenses, including: iris (OPEN/CLOSE), focus (FAR/NEAR), and zoom (WIDE/TELE). The LCD display window indicates site number, camera number and monitor number, as well as any digital inputs from the keyboard. A built-in beeper will alert operators of system errors.

### Keyboard Layout



- |                             |                              |
|-----------------------------|------------------------------|
| 1. Key switch               | 2. USER key                  |
| 3. Site control             | 4. F1 key                    |
| 5. F2 key                   | 6. Monitor/UNIT key          |
| 7. PROG key                 | 8. ARM/POWER & OFF key       |
| 9. SALVO/MENU key           | 10. NEXT key                 |
| 11. Camera/SHIFT key        | 12. RUN/PLAY key             |
| 13. HOLD/REC key            | 14. LAST key                 |
| 15. LOCK key                | 16. ACK/ENTER key            |
| 17. Numeric key             | 18. WIDE/SYSTEM/Up arrow key |
| 19. TELE/PTT/Down arrow key | 20. NEAR/Left arrow key      |
| 21. FAR/Right arrow key     | 22. CLOSE/PTZ/Page up key    |
| 23. OPEN/EDIT/Page down key | 24. OFF/Page left key        |
| 25. ON/Page right key       | 26. SHOT/PRST key            |
| 27. PATRN/Exit key          | 28. LCD display panel        |
| 29. Four LED indicators     | 30. Joystick                 |
| 31. CLEAR/ESC key           |                              |

V2117 series system keyboards can establish Ethernet or bi-directional RS-232 communications with Infinova series matrix switching systems. Six different baud rates are provided to work with different major matrix switcher/controllers. The keyboard also provides four system status LED indicators.

## Specifications

<b>General</b>	Communication Protocol	RS-232, Ethernet
	RS-232 Baud Rate (bps)	1200, 2400, 4800, 9600, 19200, 38400
	RS-485 Baud Rate (bps)	1200, 2400, 4800, 9600, 19200
	Matrix/ Dome outputs	Manchester, RS-485
<b>Electrical</b>	Input Voltage	120 VAC / 60 Hz, 230 VAC / 50Hz
	Power Consumption	4.5 W
<b>Mechanical</b>	Dimension (HxWxD)	2.7"×13.0"×7.9" (68 mm×330 mm×200 mm)
	Package Size (HxWxD)	6.5"×15.0"×11.0" (165mm×381mm×279mm)
	Unit Weight	6.17lbs. (2.8kg)
	Shipping Weight	8.4lbs. (3.83kg)
	Color	Gray
<b>Environmental</b>	Operating Temperature	32°F~140°F (0°C~60°C)
	Operating Humidity	0~90%RH (non-condensing)
<b>Compatibility</b>	V2011	Small-scale matrix switching system
	V2015	Small-scale matrix switching system
	V2020	Middle-scale matrix switching system
	V2040	Large-scale matrix switching system
	V3010	Infinova DVR
	Compatible with all Infinova matrix and DVR	
<b>Certifications</b>	CE/LVD: EN 60950-1:2006 (Certificate No.: CTS09030005);	
	CE/EMC: EN 55022; EN 55024; EN 61000-3-2; EN: 61000-3-3 (Certificate No.: BCT08LC-994E& CTE09030003);	
	FCC: Part 15 Subpart B (Certificate No.: BCT08LC-995E);	
	ISO 9001:2008	
<b>Compliance</b>	UL, cUL	