



## V-JOY/V-JOY+/V-JOY+ AT

IP, NDI®HX, Auto Tracking Version Optional

### Broad Compatibility

Supports multiple protocols including NDI®HX, VISCA over IP, Serial VISCA, ONVIF, and PELCO P/D. Users can control multiple cameras with different protocols using one keyboard, or multiple keyboards controlling one camera.

7 camera control shortcut keys enable control of up to 255 cameras.

### Intuitive and Clear Layout

With detailed camera and control status display, it enables smooth control of the camera's pan, tilt, zoom, and focus. Numeric and functional areas are independently laid out for clear setup and control.

### Flexible Control

Easily operated pan/tilt/zoom and adjustable speed and presets; Numerical buttons to set, recall, and clear up to 128 presets; Adjustable Focus, Iris, Exposure, White balance, WDR, and Backlight compensation.

### Effortless Auto-tracking Control(Only for V-JOY AT)

Auto-tracking integration allows AT control with a button press. It supports precise customization of Target Position, PT Limitation, Initial Position, and Blackboard Area for efficient tracking.

### Professional Cruising Preset

The V-Joy+ allows for up to 4 memory slots (0–3), enabling smooth and precise PTZ motion. It features dual replay modes: Full Trace Playback for high-precision movement, and Directional Jump for quick switching between start and end points with automatic direction reversal. Supporting up to 60 steps per preset, the system automatically saves the path once the limit is reached.

### One-touch Direction Lock

Activating the LOCK function maintains the current motion vector (Pan/Tilt/Zoom), allowing for continuous, constant-speed scanning until a physical limit is reached or the safety timer expires.

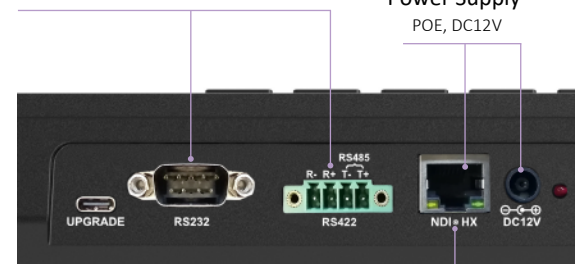
## Specifications

Product Name	V-Joy	V-Joy+	V-Joy+ AT
Part Number	TLC-50TC	TLC-50TC(NDI)	TLC-50TC(NDI)-AT
Control Ports	RJ45, RS232, RS422, RS485	NDI®HX, RS232, RS422, RS485	NDI®HX, RS232, RS422, RS485
Auto Tracking	NO	NO	Supported
RJ45	Ethernet port, POE(IEEE802.3af)		
RS232	DB9 Male head		
RS422	3.81 Spacing terminal, T+, T-, R+, R-		
RS485	3.81 Spacing terminal, T+, T-		
Control Protocols	NDI®, NDI®HX, VISCA Serial, PELCO-P, PELCO-D, VISCA over IP, VISCA TCP, VISCA UDP, ONVIF		
Upgrade Port	Type-C		
LCD Screen	3.12-inch OLED screen, blue light, 256x64 pixel		
Working Power	12V,1A		
Working Temperature	-10°C~50°C		
Working Humidity	20%~80%		
Storage Temperature	-20°C~60°C		
Storage Humidity	≤90%		
Dimension	320.5mmx156.5mmx118mm		
Net Weight	1.05kg		



Remote control port  
RS232, RS485, RS422

Power Supply  
POE, DC12V



Video Output  
IP (or NDI®HX)

