



VM Desktop (100-600)

USB Video Management Desktop Controller with Tactile Buttons



- 3 axes joystick for P/T/Z control
- 27 tactile buttons
- Jog/shuttle dial
- 10-bit resolution
- USB 1.1 HID compliant game controller device
- Easy to install and operate
- Functions determined by controlled application



CH Products' VM Desktop provides advanced features such as 3 axes Hall effect Joystick, jog/shuttle dial, 27 user-defined tactile pushbuttons and USB 1.1 interface for powerful control of video surveillance, recording and video management functions. The VM Desktop is designed for critical security installations including airports, casinos, transit stations and stadiums.

The VM Desktop's three axes joystick provides intuitive control for pan, tilt, and zoom camera functions. The non-contacting Hall effect technology is durable and will provide greater than 10 million operations.

CH Products' Video Management controller features 27 programmable tactile pushbuttons. The numeric keypad module is ideal for camera selection, presets, and touring functions. Button labels and legends may be customized for specific applications.

The VM Desktop features a jog/shuttle dial for total control over digital video monitoring and management.

In supported applications, the 360 degree job knob may be used for editing frame-by-frame and the spring-loaded shuttle ring for variable forward and reverse speed control of captured sequences.

Featuring USB 1.1 interface, the VM Desktop integrates seamlessly with software applications supporting USB joystick inputs via Microsoft DirectX. No device driver or SDK is required, the VM Desktop is recognized as a standard HID "game controller" 4 axes/29 button joystick. The VM Desktop's axes and buttons are programmable and function assignment is dependant on the controlled application.

Technical Specifications

CH Products Video Management Controller (100-600)



Joystick performance:	Hall-effect three axes joystick X/Y/Z for positioning control Joystick travel: X/Y axis +/- 18°, Z axis +/- 40° Centering: single spring, omni-directional Joystick shaft: stainless steel Joystick boot: neoprene Joystick handle: glass filled nylon
Jog/shuttle performance:	Spring loaded shuttle ring travel +/-40° Smooth action knob rotates 360°
Pushbutton performance:	27 programmable pushbuttons Tactile feedback Pushbutton material: silicon
Desktop housing:	High impact ABS
Power:	Via USB interface (5V DC) Consumption 1A
Operating conditions:	-25 to +85°C (-13 to +185°F)

Interface:	USB port Connects directly to workstation PC Uses standard DirectX HID drivers
Connectors:	USB A Cable Length: 2m; 6ft. 6.8in.
Systems integration support:	Windows 7, Vista, XP, 2000
Supported protocols:	USB HID 1.1 game controller Direct X (Gaming Control) Joystick: Three HID axes Jog/shuttle: One HID axis, two HID buttons Pushbuttons: 27 HID buttons
Dimensions:	9" x 11" x 4 3/8"
Approvals*:	EN 55024:1998, EN 55022, FCC Part 15 Subpart B Class B RoHS compliant

* - Approvals are pending

