

APEM

VM Desktop

USB multifunction controller



CH Products' VM Desktop provides advanced features such as a 3 axes Hall effect Joystick, jog/shuttle dial, 27 user-defined 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.

KEY FEATURES

- 3 axes joystick for P/T/Z control
- 27 programmable pushbuttons
- Jog/shuttle dial
- USB 1.1 HID compliant
"game controller"
- Easy to use and operate
- Functions determined by
controlled application



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SPECIFICATIONS

Joystick performance	–	Hall effect three axes joystick
	–	X/Y/Z for positioning control
Joystick travel	–	36° for X and Y axes
	–	60° for Z axis
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 $\pm 40^\circ$
		Smooth action knob rotates 360°
Pushbutton performance	–	27 programmable pushbuttons rated for 500,000 life cycles
	–	Lighting: high efficiency LED
	–	Pushbutton material: silicon
	–	“Mouse” pushbuttons are rated for 10,000,000 life cycles
Desktop housing	–	High impact ABS
Power	–	Via USB interface (5V DC)
	–	Consumption 1A
Operating conditions	–	-25°C to +85°C (-13°F to +185°F)
Approvals*	–	EN 55024:1998, EN 55022,
	–	FCC Part 15 Subpart B Class B
	–	RoHs compliant
Interface	–	USB port
	–	Uses standard DirectX HID drivers
	–	Connects directly to workstation PC
Connectors	–	USB Type A Male
	–	Cable Length: 2m (6ft. 6.8in)
Systems support integration	–	Windows 7, Vista, XP, 2000
Supported protocols	–	USB HID 1.1 game controller
	–	Direct X (Gaming Control)
	–	Joystick: Three HID axes
	–	Pushbuttons: 12 HID buttons
	–	Uses standard DirectX HID drivers
	–	Connects directly to workstation PC
Environmental	–	For indoor use only
Boxed weight	–	1.33kg (47oz)

NOTE:

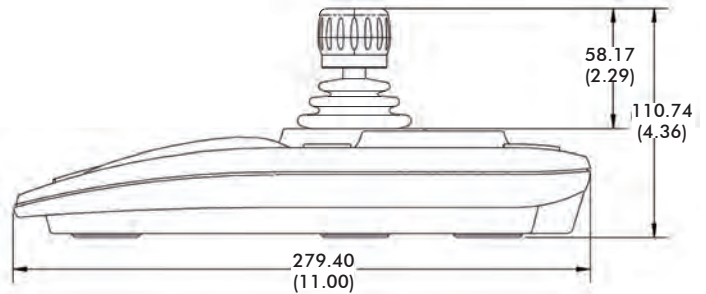
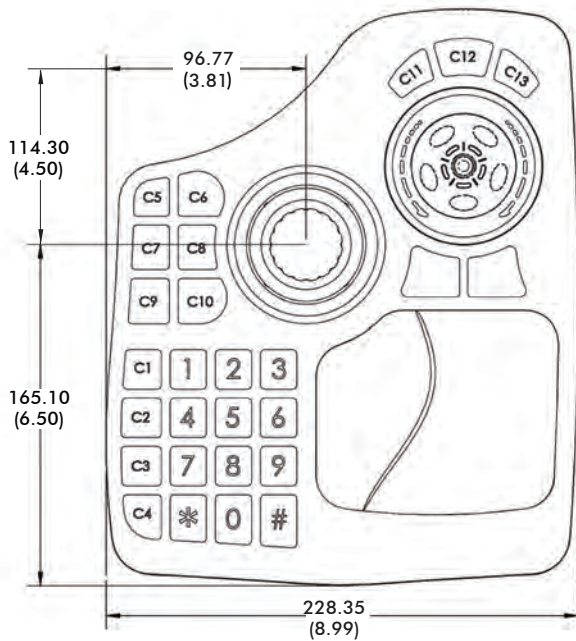
All values are nominal

- CH Products' Video Management controller features 27 programmable 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 jog 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.

VM Desktop

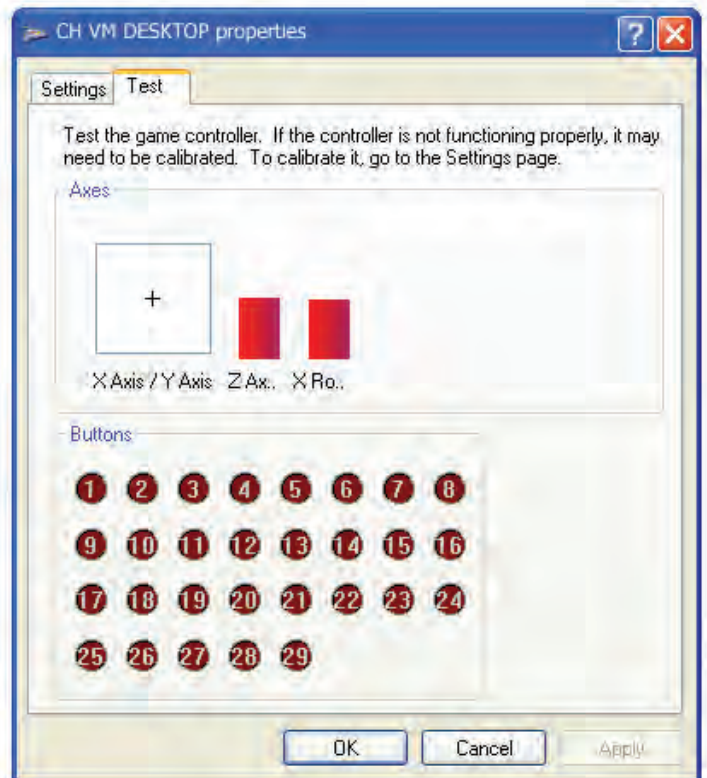
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DIMENSIONAL DRAWINGS



- Notes:
- Dimensions are in mm/(inch)
 - Supplied individually boxed with instruction booklet

USB 1.1 HID COMPLIANT GAME CONTROLLER



Note: To order the VM Desktop please refer to Part Number 100-590.