

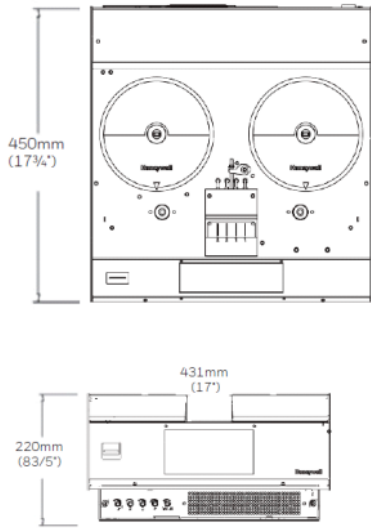
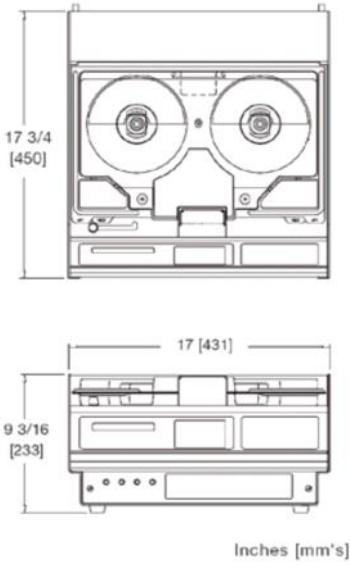
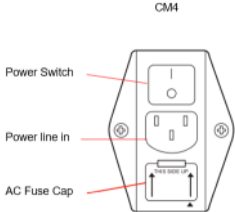
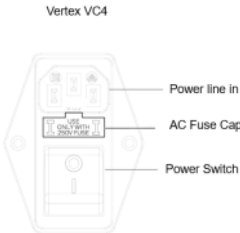

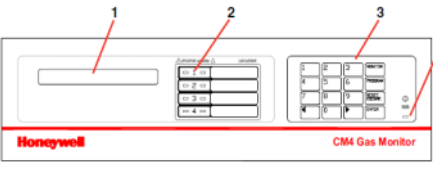



# VC4 vs CM4

Monday, July 18, 2022 2:28 PM

	VC4	CM4
Appearance		
System Dimension		 <p style="text-align: center;">Inches [mm's]</p>
Sampling Distance	Up to <b>400ft (120m)</b> with thin wall Teflon tubing	Up to 300ft (90m) with thin wall Teflon tubing
Sample line tubing	1/4 in. (6.35 mm) O.D. x 3/16 in. (4.83 mm) (Thin wall) Teflon tubing	1/4 in. (6.35 mm) O.D. x 3/16 in. (4.83 mm) (Thin wall) Teflon tubing
Exhaust length	Up to 50 ft. (15 m) maximum. Longer distances possible with larger ID exhaust tubing.	50ft (15m) 1/4" OD x 3/16" ID Polypropylene. Longer distances possible with larger ID exhaust tubing
Exhaust Tubing	1/4 in. (6.35 mm) O.D. x 3/16 in. (4.83 mm) (Thin wall) Teflon tubing or Polypropylene tubing	1/4 in. (6.35 mm) O.D. x 3/16 in. (4.83 mm) (Thin wall) Polypropylene tubing
Power Port		 <p>Backward compatible</p>
Power Requirements	110±10%VAC @ 50 / 60Hz; 220±10%VAC @ 50 / 60Hz	100/110 VAC @ 50/60Hz, 230 VAC @ 50/60Hz
Power	~3A @ 110V	~3A @ 110V

Consumption	~2A @ 230V	~2A @ 230V
Display	 <p>7" 触摸显示屏。高清、宽视角的IPS屏幕，简单直观的操作界面，便于操作查看气体读数、报警、事件日志、实时趋势和系统整体状态和设置。新一代基于Linux操作系统的HMI，人机交互界面更友好、流畅。</p> <p>7" wide screen monitor with capacitive touch interface Display gas reading, alarm &amp; instrument status real-time base Provide real-time trend chart and gas event snapshot trend chart Event logging including maintenance/instrument fault and gas alarm Multiple searching option for the event LED indicator: Normal (Green), Alarm 1 (Red), Alarm 2 (Red), Fault (Yellow)</p>	 <p>LEGEND 1. Display 2. Status LEDs and point ID labels 3. Keypad 4. Power/Lock LED indicator</p> <p>Figure 2-2: Control Panel</p>  <p>20 character vacuum fluorescent status, alarm, and power LEDs</p>
Outputs	<ul style="list-style-type: none"> <li>• Modbus TCP/IP</li> <li>• Modbus RTU</li> <li>• Serial Outputs(Optional): RS232, RS422, and RS485 (all configurable)</li> <li>• Relay output(Optional): Relay contacts (500mA minimum) 2A @ 120VAC, form C contacts. Programmable low and high levels, maintenance, watch dog, energized or de-energized, latching or nonlatching</li> <li>• Current Loop Outputs (per Point) (optional): 4-20mA isolated (2-4mA range available for fault indicators)</li> <li>• LonWorks TBD</li> </ul>	<ul style="list-style-type: none"> <li>• Serial Outputs(Optional): RS232, RS422, and RS485 (all configurable)</li> <li>• Relay Outputs: Relay contacts (500mA minimum) 2A @120VAC, form C contacts. Programmable low and high levels, maintenance, watchdog, energized or deenergized, latching or nonlatching</li> <li>• Current Loop Outputs (per Point) 4-20mA isolated (optional) (2-4mA range available for fault indicators)</li> <li>• LonWorks®, (LonMark® compliant optional)</li> </ul>
Operating Conditions	10° C to 40° C (50° F to 140° F), 20-80% RH	10° C to 40° C (50° F to 140° F), 20-80% RH
Installation Mount Kit	Table Mount: Yes 支持 Wall Mount: No 不支持 Rack Mount: Yes 支持 (兼容 CM4 rack, 不提供 VC4 rack)	Table Mount: Yes 支持 Wall Mount: Yes 支持 Rack Mount: Yes 支持 (CM4 rack 需要另外购买)
Detection Technique	Chemcassette technology	Chemcassette technology
Monitoring Points	Four (maximum)	Four (maximum)
Certification	UL61010; FCC、NCC; EMC(EN50270)	UL61010; CE ;
Flow rate	2.8 LPM	2.8 LPM
Optics block	CLO optics block	Legacy optics block
Chemcassette	RFID tag (same with Vertex series) New VC4 CC SKUs.	No RFID, 12-digit CID
Pyrolyzer option	No 不支持	Yes 支持