

HONEYWELL-VC4

Toxic Gas Monitor

Low cost of ownership solution

Ultra-sensitive for gas leak response

Honeywell VC4 is based on colorimetric technology with more advanced and friendly designs. It represents the latest in interference free, low maintenance, low cost of ownership solution for the semiconductor, pharmaceutical and chemical industries.

FEATURES

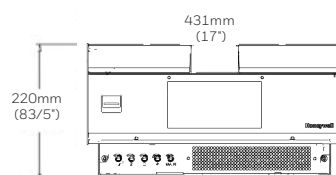
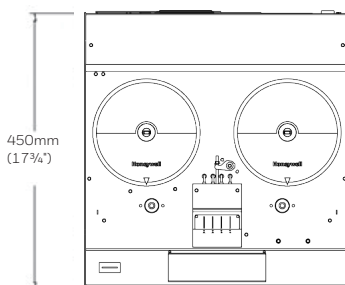
- **Authentic Chemcassette® technology for enhance standard of accuracy**
Chemcassette® technology, pioneered by Honeywell, delivers low-level gas detection you can count on. The system detects highly toxic gases quickly and definitively – down to parts per billion (ppb)-as evidenced by a clear, easy-to-view stain on chemically treated tape.
- **4-point gas detection system**
VC4 continuous monitoring on 4 Points, more economical and flexible.
- **Shorter lead time, faster and more convenient technical response and spare parts support**
VC4 is designed and manufactured in China, allowing for more stable, fast, and convenient technical support.
- **Faster gas leak response time**
The sampling flow rate at each detection point improves to 2.8LPM for 120M sample line,improving the gas leak response time and can meet the latest Taiwan EPA requirements.



MORE FEATURES & NEW DESIGNS:

- 120 M sample line
- Easy to use and maintenance (Linux, touch screen)
- Advanced communication outputs
- Built-in Webserver/Webpages, easily remote view the system
- New Carrier for Chemcassette®
 - can use 6 months Chemcassette® tape
- More stable performance
 - Updated to Close loop optics block (CLO)
 - Updated with the step motor and encoder for tape advance

DIMENSIONS (UNIT: MM)



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SPECIFICATION

SYSTEM DIMENSION	
Size	8.7" (H) x 17.8" (D) x 17" (W) (22 x 45 x 43cm)
Weight	≤ 24.95kg (55lbs)
POWER REQUIREMENTS	
Operating voltage	110±10%VAC @ 50 / 60Hz; 220±10%VAC @ 50 / 60Hz
POWER CONSUMPTION	
Power Consumption	~3A @ 110V ~2A @ 230V
DISPLAY AND OUTPUTS	
Display	7" wide screen monitor with capacitive touch interface Display gas reading, alarm & 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)
Local Alarm indication	Audible and visual
Fieldbus Outputs	TCP/IP and RTU Modbus
Serial Outputs (Optional)	RS232, RS422, and RS485 (all configurable)
Relay Outputs (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
Current Loop Outputs (per Point) (optional)	4-20mA isolated (2-4mA range available for fault indicators)
SECURITY	
	Role-based access control Support HTTPS
CERTIFICATION AND SPECIFICATION	
	UL61010; FCC, NCC
PERFORMANCE	
	Refer to product manual for complete gas list
TRANSPORT SYSTEM	
Flow rate	2.8 LPM
Sample line tubing	1/4 in. (6.35 mm) O.D. x 3/16 in. (4.83 mm) (Thin wall) Teflon tubing
Tubing length	Up to 400ft (120m) with thin wall Teflon tubing
Exhaust line tubing	1/4 in. (6.35 mm) O.D. x 3/16 in. (4.83 mm) (Thin wall) Teflon tubing or Polypropylene tubing
Exhaust length	Up to 50 ft. (15 m) maximum. Longer distances possible with larger ID exhaust tubing.
OPERATING CONDITIONS	
Temperature	10° C to 40° C (50° F to 104° F)
Humidity	20-80% RH
WIRING REQUIREMENT	
Power	1 x RJ45, 10M/100M self-adaptive Ethernet port
Outputs	Modbus TCP/IP: CAT5 shielded cable or equivalent (RJ45 connector) Modbus RTU: 2-wire stranded, shielded cable or equivalent (24-14 AWG) Serial outputs: DB9 connector Relay output: 24-14 AWG Current output: 24-14 AWG

For more information

www.sps.honeywell.com
www.honeywell.com.cn

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THE
FUTURE
IS
WHAT
WE
MAKE IT

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