

HMI

Centralised Visibility of Multiple Controllers

See gas concentration, alarms, fault and location details from a single screen

Retrofit and new installations

6 Vortex or 10 Gasmaster from one screen

User defined detector locations

Alarm and event logging

Gas test capability



HMI Centralised Visibility of Multiple Controllers

Minimise the time operators spend in hazardous areas.

HMI is a Human Machine Interface which offers remote monitoring of up to 6 Vortex (72 detectors) or up to 10 Gasmaster Controllers (40 detectors) from one panel. HMI delivers advantages aimed at improving service, maintenance and system visibility for existing or new installations.

HMI employs license activated software which can be operated from a dedicated panel.

Capability

Monitor up to 6 Vortex panels or 10 Gasmasters

Simultaneous display showing:

- Gas concentration and name
- Inhibit status
- Sensor integrity
- Detector settings and location

Enhanced functionality:

- Alarm log
- Over-exposure registration
- Event log and reporting
- Password access restrictions
- Response testing



Home screen



Detector screen



Configuration screen



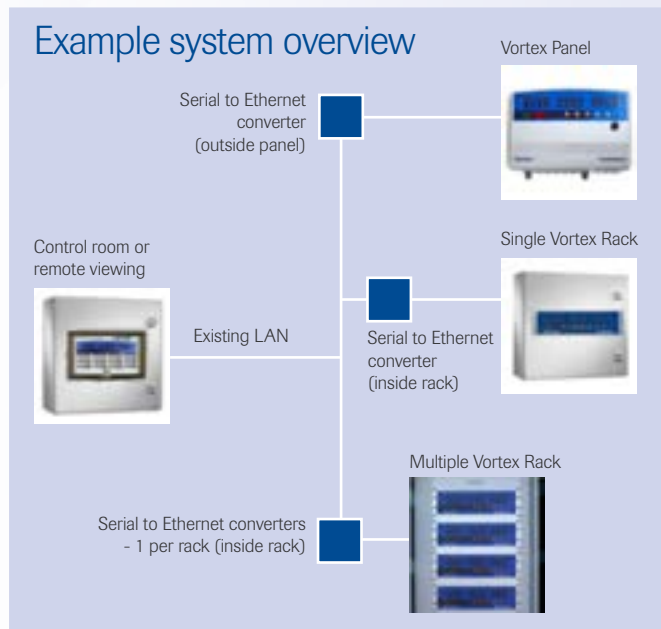
Trend screen

System configuration

The system offers enhanced flexibility and reduces the cost of installation by allowing connection via existing networks, or through the use of the RS485 output.

Touch Screen Panel PC Specification*

The Crowcon HMI software can be supplied installed onto the touchscreen panel PC, including wall mount cabinet, ethernet converters and UPS.



| | |
|-----------------------|--|
| Screen size | 15" (1024 x 768) |
| Processor | Intel BayTrail-M N2930 / Quad Core 1.83GHz |
| System memory | 4G DDR3 RAM |
| Touchscreen | Resistive |
| HDD | 128GB m-SATA (FLASH Hard Drive) |
| Graphics | Intel HD |
| Video I/O | 1 x DVI Output |
| Audio | 1 x audio line output |
| OS | Windows 10 IoT Enterprise |
| I/O | 1 x Ethernet, 4 x USB, 2 x RS-232C, 1 x RS232C/RS485/RS422 |
| Front panel | Water-resistant Front Panel (IP65) |
| Power | 24W (2A@DC12V) |
| Operating humidity | 10 to 85% RH @40°C (non-condensing) |
| Operating temperature | 0°C to 60°C |
| Storage temperature | 20°C to 70°C |

* Specification subject to change without notice

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