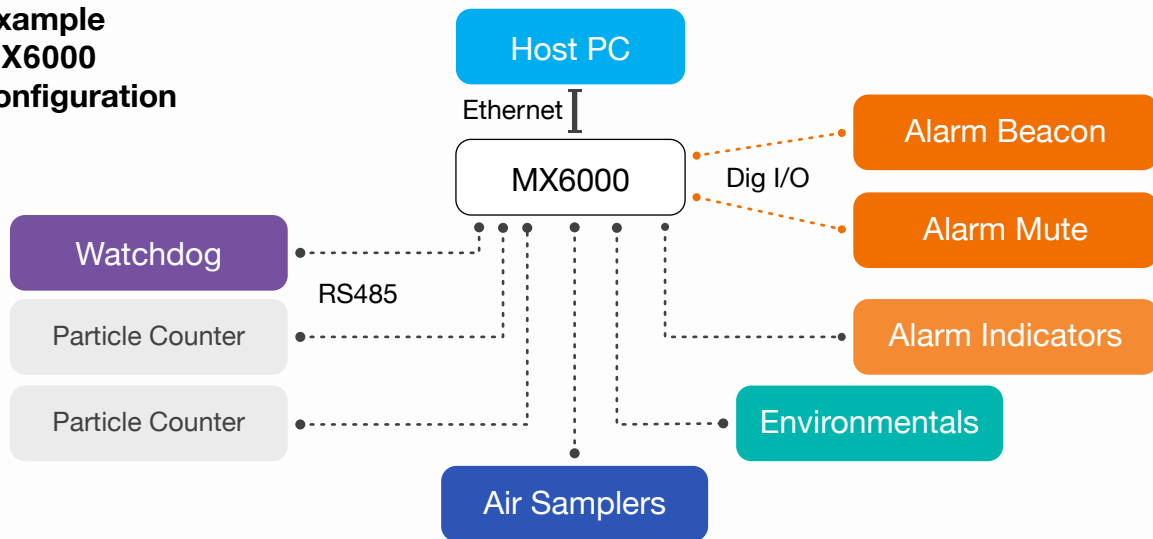


Example MX6000 configuration



SPECIFICATION

MX6000 Series Multi Function Controller Specification

Digital Outputs

- 6 outputs to drive contactors or solenoid valves for particle counter vacuum control
- 4 outputs to drive alarm beacon red, amber, green and sounder
- All outputs provide 24Vdc current limited to 500mA

Digital Inputs

- 6 inputs to act as 'Run' demand for particle counters
- 1 input to act as 'Mute' for alarm sounder
- All inputs are opto-isolated inputs (200V isolation)

RS485 Interfaces

- Six independent 2-wire RS485 Interfaces via RJ45 connectors (MX6000) or screw terminals (MX6001)
- Switched 24Vdc current limited supply for particle counter

Ethernet Interface

- Ethernet interface to host PC (100Mb)

Power Supply

- 24Vdc $\pm 10\%$, 50mA typical, plus loads being driven

Additional Features

- Real-time clock with battery backup
- Micro SD card socket supporting up to 2GB Micro SD cards for non-volatile configuration

Flange mounting enclosure (High Impact Polystyrene, UL94-HB)

- W: 154mm
- H: 108mm including mounting flanges
- D: 20mm excluding connectors, 31mm including connectors
- Fixing centres: 118mm horizontally, 93mm vertically)

Environmental

- Operating temperature 0 to 50°C
- Storage temperature -20 to 60°C

Ordering Information

- MX6000 Multifunction Controller Module with RJ45 connectors for RS485 interfaces
- MX6001 Multifunction Controller Module with screw terminals for RS485 interfaces



CONTACT US!

Acquisition Systems Ltd
Glossop House, Hogwood Lane
Hogwood Industrial Estate, Finchampstead
Berkshire. RG40 4QW
www.a-s.co.uk

