

*Demand for Data centre facilities continues to grow and with it, the need for intelligent monitoring of mission critical cabinets' power, environmental and security status.*

*The IntelliData Systems architecture is designed to accommodate changes and indefinite growth in monitoring requirements – and to support this growth, IntelliPoller 3 is introduced.*



### Local knowledge

IntelliPoller 3 is fitted with an information display as standard. This display allows local engineers to do checks and changes to the system without taking the poller offline from the IntelliServer. It is frequently the case that the poller's IP address isn't known at the time of installation, or changes after the engineer has left site.

The local display and controls allow a local "smart hand" to set the units IP address from the front panel. At the same time he can make a visual check that all the devices attached to the poller are communicating and even check the power draw or temperature in individual cabinets.

Such ability saves the direct and indirect costs of sending engineers to remote sites to diagnose and fix minor problems. The front panel display is not a requirement for daily operation and does not need to be permanently accessible

### Local processing

IntelliPoller 3 includes more processing and memory capacity, allowing the central IntelliServer to devolve local, speed-conscious actions (such as cabinet door locking control) to the pollers. The extra capacity also allows the use of extended cabinet features, such as cabinet door displays.

Full control of all functions including cabinet access remains with the central IntelliServer; a local IntelliPoller cannot be used to open cabinet doors without prior authorisation from the IntelliServer.

### Improved reliability

From adding a connector retention system to the inclusion of watchdog circuitry and remote hard reset capability, IntelliPoller 3 includes a number of new features that improves overall reliability and resiliency.

## Rear panel connections

Chains 1-4: RS485 + power, 4 x 6-way latching Weidmuller connectors

Network: IP, 100M full duplex, Assignable address,  
Ports 4001 and 80, RJ45

Aux: Programming port, RJ12

Console: Diagnostics, 9-way sub-D

IEC A & B: Dual (switching) mains connection

## Physical

Dimensions: 480mm (19") x 42.5mm (1U) x 375mm  
(inc removable cable bar)

Weight: 4kg

Power: 100-240VAC, 100W

Fuse: (x2) 3.15T

## Functionality

The IntelliPoller provides the interface between an IntelliData Systems hardware installation and the network and software layers of an integrated monitoring system. The IntelliPoller powers and controls up to 64 monitoring devices per chain. Auxiliary power supplies may be used to boost power to the monitoring devices.

