

InterOp[®] 8500

Proprietary JCI DSC-8500™ Systems Are
Simply Upgraded!



The InterOp 8500 makes replacement of Johnson Controls' DSC-8500 series control panels simple. Using BACnet[®], the ASHRAE industry standard protocol designed for system interoperability, the InterOp 8500 is designed to free owners and facilities managers from the proprietary technology and expensive maintenance associated with this older system. Native BACnet communications enable easy integration to your preferred control vendor.

Key Features and Benefits

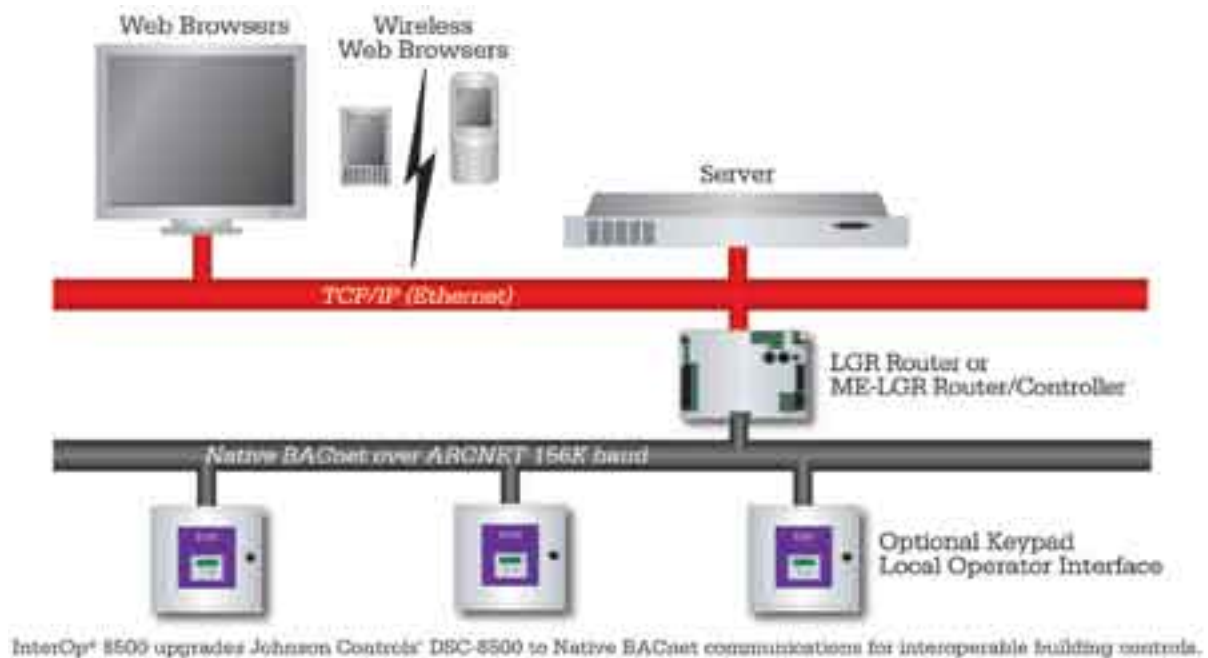
- Directly replaces Johnson Controls' DSC-8500 FIC-1n1 and PCR-102 control boards, providing more functionality than the original panel.
- Integrates into ALC's WebCTRL[®] system to give you secure access to your building from any standard web browser.
- Compatible with ALC's Legacy control systems.
- Uses native BACnet communications - ASHRAE's industry standard protocol for system interoperability.
- Uses EIKON[®]-LogicBuilder graphical programming for universally understood and self documenting control sequences, eliminating the specialized programming skills required for the original DSC-8500.
- Input/Output point expander modules available to expand the system.
- Simple installation using existing sensors, wiring and control enclosure minimizes upgrade costs.
- Supports BACview[®], an easy-to-use local operator interface with a backlit display.
- Powerful 32-bit microprocessor and ARCNET communications co-processor for multi-tasking, processing and data storage.
- Dedicated diagnostic port for laptop computer access. InterOp 8500 represents a simple, cost-effective and powerful alternative to total replacement of existing Johnson Controls' DSC-8500 series panels. Contact your local Automated Logic dealer to learn more about transforming your old DSC-8500 into a 21st century system with InterOp 8500 and BACnet.



AUTOMATEDLOGIC

InterOp[®] 8500

Specifications



Power:	5VDC, 200mA, 12VDC, 50-60Hz.
Physical:	Upgrades proprietary Johnson Controls' DSC-8500 and replaces FIC-1n1 and PCR-102 control boards.
Communication:	Native BACnet, ASHRAE's industry standard protocol over high-speed ARCNET 156 Kbps.
Network Option:	BACnet over ARCNET 156 Kbps standard for CMnet. BACnet MS/TP @ 9600 or 38.4Kbps optional.
Microprocessor:	32-bit Motorola MC68-series microprocessor.
Memory:	2MB RAM (battery backed for 10,000 hours) and 1MB Flash.
Digital Outputs:	16 solid state digital outputs, rated at 200mA @ 12VDC. Hand-Off-Auto switches. LED indication.
Digital Inputs:	Eight digital inputs, 0-5VDC.
Analog Inputs:	15 analog inputs, 1000 Ohm Nickel RTD or 0-5VDC.
Expansion:	Supports MX expansion Input/Output boards in various I/O configurations.
Environmental Operating Range:	0° to 130°F (-17.8° to 54.4°C), 10%-95% RH non-condensing.
Protection:	Surge and transient protection circuitry for power and communications.
Listed By:	UL916* (Canadian Std. C22.2 No.205-M1983), CE, FCC Part 15 - Subpart B - Class A.

*InterOp 8500 must use the ALC replacement power supply for UL.

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