



ASI Controls

BACnet Protocol Implementation Conformance Statement



Date: June 11, 2015
Vendor Name: ASI Controls
Product Name: ASIC/3 Family
Product Model Numbers: 9540, 9536, 9520, 9500
Firmware Revision: 1.3
BACnet Protocol Revision: 12

Product Description

The ASIC/3 fully programmable controllers all feature Ethernet interface, optional wireless communications, and unrivaled flexibility via SD-CARD, USB host, and USB device connectors. ASIC/3 devices easily integrate BACnet, Modbus, and ASI Controls networks.

The ASIC/3-9540 features 16 Universal Inputs, 16 Binary Outputs, and 8 Analog Outputs, plus three RS-485 communications ports and removable I/O connectors.

The ASIC/3-9536 features 16 Universal Inputs, 12 Binary Outputs, and 8 Analog Outputs, plus two RS-485 communications ports and one RS-232 serial port.

The ASIC/3-9520 features 8 Universal Inputs, 8 Binary Outputs, and 4 Analog Outputs, plus two RS-485 communications ports and removable I/O connectors.

The ASIC/3-9500 features three RS-485 communications ports.

Device Profile

BACnet Application Specific Controller (B-ASC)



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BIBBs Supported

Data Sharing	ReadProperty-B	DS-RP-B
	ReadPropertyMultiple-B	DS-RPM-B
	WriteProperty-B	DS-WP-B
	WritePropertyMultiple-B	DS-WPM-B

Device Management	DynamicDeviceBinding-B	DM-DDB-B
	DynamicObjectBinding-B	DM-DOB-B
	DeviceCommunicationControl-B	DM-DCC-B
	ReinitializeDevice-B	DM-RD-B
	TimeSynchronize-B	DM-TS-B
	UTCTimeSynchronize-B	DM-UTC-B

Segmentation Capability

None

Standard Object Types Supported

Object Type	Dynamically Creatable	Dynamically Deletable	Optional Properties	Writable Properties
Analog Input	No	No	Description	Out-of-Service, Present-Value
Analog Output	No	No	Description	Out-of-Service, Present-Value
Analog Value	No	No	Description	Out-of-Service, Present-Value
Binary Input	No	No	Description	Out-of-Service, Present-Value
Binary Output	No	No	Description	Out-of-Service, Present-Value
Binary Value	No	No	Description	Out-of-Service, Present-Value
Device	No	No	Description	Object-Identifier, Object-Name, Max-Info-Frames, Max-Master
Multi State Value	No	No	Description	Out-of-Service, Present-Value



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Data Link Layer Options

MS/TP master (Clause 9), baud rates: 9600, 19200, 38400, 76800

Device Address Binding

Static Device Binding Not Supported

Networking Options

None

Character Sets Supported

ANSI X3.4